

Letting loose with colour

Laura Kalbag

Small Technology Foundation & Stately

**Colour palettes are boring and
I blame developer frameworks.**

Getting started

- Introduction
- Download
- Contents
- Browsers & devices
- JavaScript
- Webpack
- Parcel
- Vite
- Accessibility
- RFS
- RTL
- Contribute

Customize

- Overview
- Sass
- Options

\$blue #0d6efd

- 4.50
- 4.50
- 4.66

\$indigo #6610f2

- 7.18
- 7.18
- 2.92

\$purple #6f42c1

- 6.51
- 6.51
- 3.22

\$blue-100

\$indigo-100

\$purple-100

\$blue-200

\$indigo-200

\$purple-200

\$blue-300

\$indigo-300

\$purple-300

\$blue-400

\$indigo-400

\$purple-400

\$blue-500

\$indigo-500

\$purple-500

\$blue-600

\$indigo-600

\$purple-600

\$blue-700

\$indigo-700

\$purple-700

\$blue-800

\$indigo-800

\$purple-800

On this page

- Theme colors
- All colors
 - Notes on Sass
- Color Sass maps
 - Example
- Generating utilities

Quick search... 🔍

- Utility-First Fundamentals
- Hover, Focus, and Other States
- Responsive Design
- Dark Mode
- Reusing Styles
- Adding Custom Styles
- Functions & Directives

Customization

- Configuration
- Content
- Theme
- Screens

Colors

Indigo

				
50 #eef2ff	100 #e0e7ff	200 #c7d2fe	300 #a5b4fc	400 #818cf8
				
500 #6366f1	600 #4f46e5	700 #4338ca	800 #3730a3	900 #312e81

Violet

				
50 #f5f3ff	100 #ede9fe	200 #ddd6fe	300 #c4b5fd	400 #a78bfa
				
500 #8b5cf6	600 #7c3aed	700 #6d28d9	800 #5b21b6	900 #4c1d95

Purple

				
50 #faf5ff	100 #f3e8ff	200 #e9d5ff	300 #d8b4fe	400 #c084fc
				
500 #a855f7	600 #9333ea	700 #7e22ce	800 #6b21a8	900 #581c87

Fuchsia

				
---	---	---	---	---



chakra-ui.com/docs/styled-system/theme#colors



Search the docs

K

v2.3.3



Sponsor

Gradient

Color Mode

CSS Variables

Semantic Tokens

Responsive Styles

Chakra Factory

Global Styles

Text & Layer Styles

The `sx` Prop

RTL Support

THEMING

Default Theme

Customize Theme

Cyan



Cyan 50
#EDFDFD



Cyan 100
#C4F1F9



Cyan 200
#9DECF9



Cyan 300
#76E4F7



Cyan 400
#0BC5EA



Cyan 500
#00B5D8



Cyan 600
#00A3C4



Cyan 700
#0987A0



Cyan 800
#086F83



Cyan 900
#065666

Purple



Purple 50
#FAF5FF



Purple 100
#E9D8FD



Purple 200
#D6BCFA

100	#FFCDD2
200	#EF9A9A
300	#E57373
400	#EF5350
500	#F44336
600	#E53935
700	#D32F2F
800	#C62828
900	#B71C1C
A100	#FF8A80
A200	#FF5252
A400	#FF1744
A700	#D50000

100	#F8BBD0
200	#F48FB1
300	#F06292
400	#EC407A
500	#E91E63
600	#D81B60
700	#C2185B
800	#AD1457
900	#880E4F
A100	#FF80AB
A200	#FF4081
A400	#F50057
A700	#C51162

100	#E1BEE7
200	#CE93D8
300	#BA68C8
400	#AB47BC
500	#9C27B0
600	#8E24AA
700	#7B1FA2
800	#6A1B9A
900	#4A148C
A100	#EA80FC
A200	#E040FB
A400	#D500F9
A700	#AA00FF



Accessibility is ensuring your design works for disabled people.

Good colour accessibility benefits...

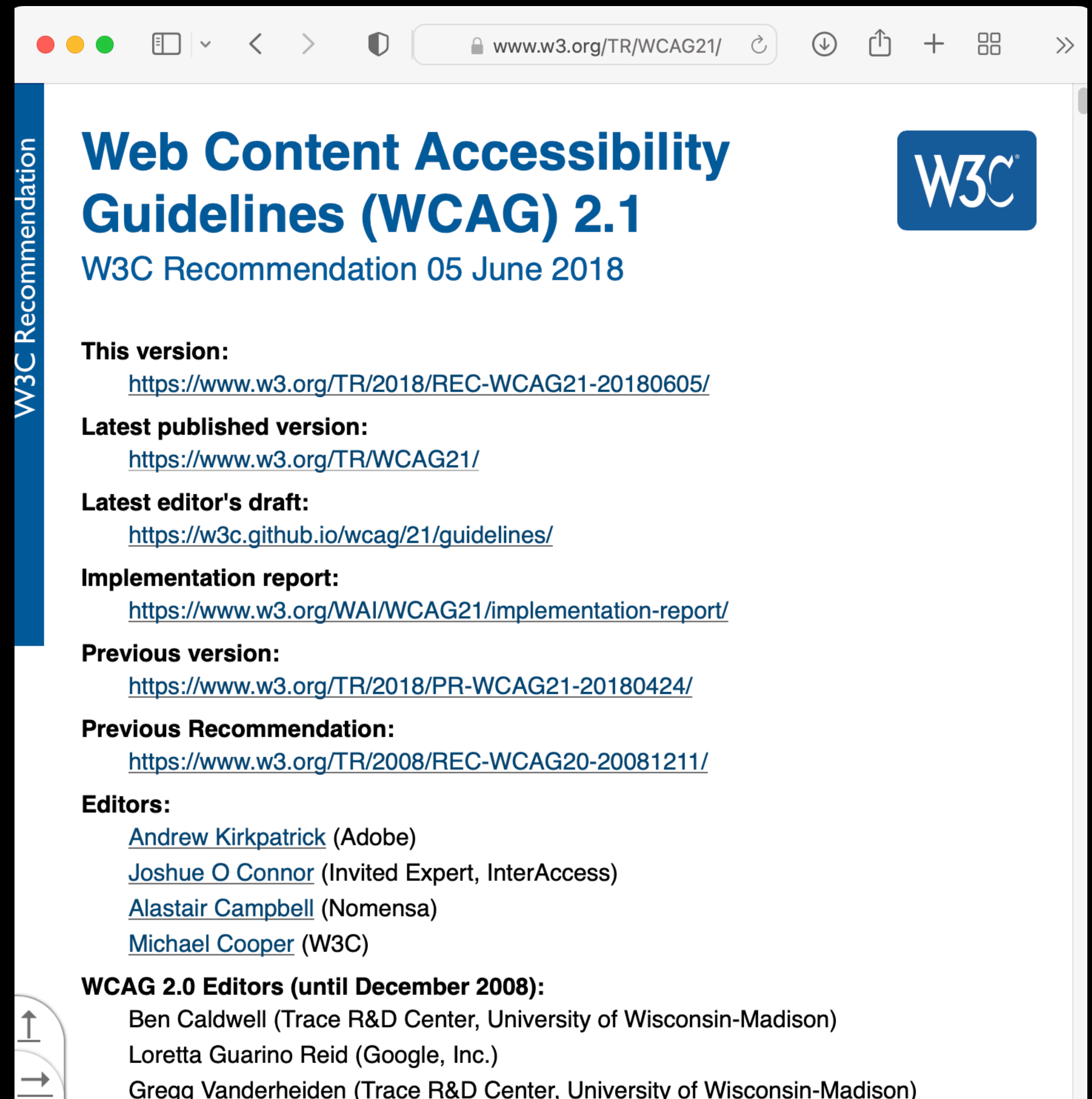
Colour-blind people

People with limited or impaired vision

Blind people

Web Content Accessibility Guidelines

<https://www.w3.org/TR/WCAG21>



W3C Recommendation

Web Content Accessibility Guidelines (WCAG) 2.1

W3C Recommendation 05 June 2018

This version:
<https://www.w3.org/TR/2018/REC-WCAG21-20180605/>

Latest published version:
<https://www.w3.org/TR/WCAG21/>

Latest editor's draft:
<https://w3c.github.io/wcag/21/guidelines/>

Implementation report:
<https://www.w3.org/WAI/WCAG21/implementation-report/>

Previous version:
<https://www.w3.org/TR/2018/PR-WCAG21-20180424/>

Previous Recommendation:
<https://www.w3.org/TR/2008/REC-WCAG20-20081211/>

Editors:
[Andrew Kirkpatrick](#) (Adobe)
[Joshue O Connor](#) (Invited Expert, InterAccess)
[Alastair Campbell](#) (Nomensa)
[Michael Cooper](#) (W3C)

WCAG 2.0 Editors (until December 2008):
Ben Caldwell (Trace R&D Center, University of Wisconsin-Madison)
Loretta Guarino Reid (Google, Inc.)
Gregg Vanderheiden (Trace R&D Center, University of Wisconsin-Madison)

Principle 1:

Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

<https://www.w3.org/WAI/WCAG21/quickref>

Guideline 1.1.1:

Text alternatives

All non-text content that is presented to the user has a text alternative that serves the equivalent purpose.

<https://www.w3.org/WAI/WCAG21/quickref/#text-alternatives>



Nike Classic Knee High Football Socks

€13 ★★★★★



Guideline 1.4.1:

Distinguishable: use of color

Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

<https://www.w3.org/WAI/WCAG21/quickref/#use-of-color>

Your phone number:

+353 89 123 4567

SAVE

Guideline 1.4.3:

Minimum contrast

The visual presentation of text and images of text has a contrast ratio of at least 4.5:1.

<https://www.w3.org/WAI/WCAG21/quickref/#contrast-minimum>

FREE DELIVERY ON ORDERS OVER €60 - NATIONWIDE DELIVERY ACROSS IRELAND



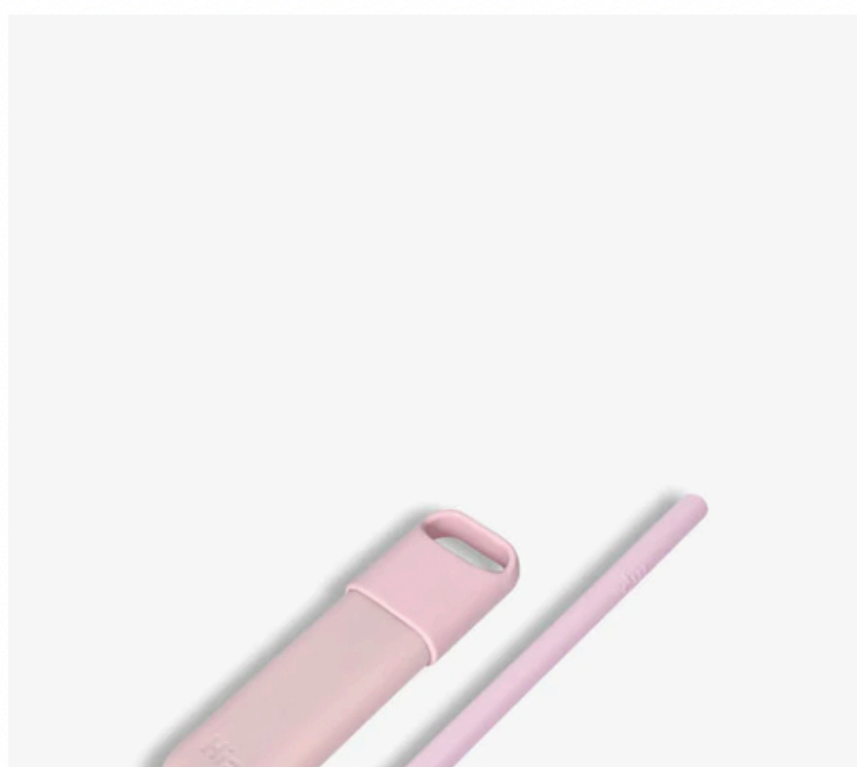
- Shop ▾
- Skincare ▾
- Body Care ▾
- Wellness ▾
- Reusable ▾
- Food & supplements ▾
- Shop by brand ▾



Kitchen

31 products

Sort ▾

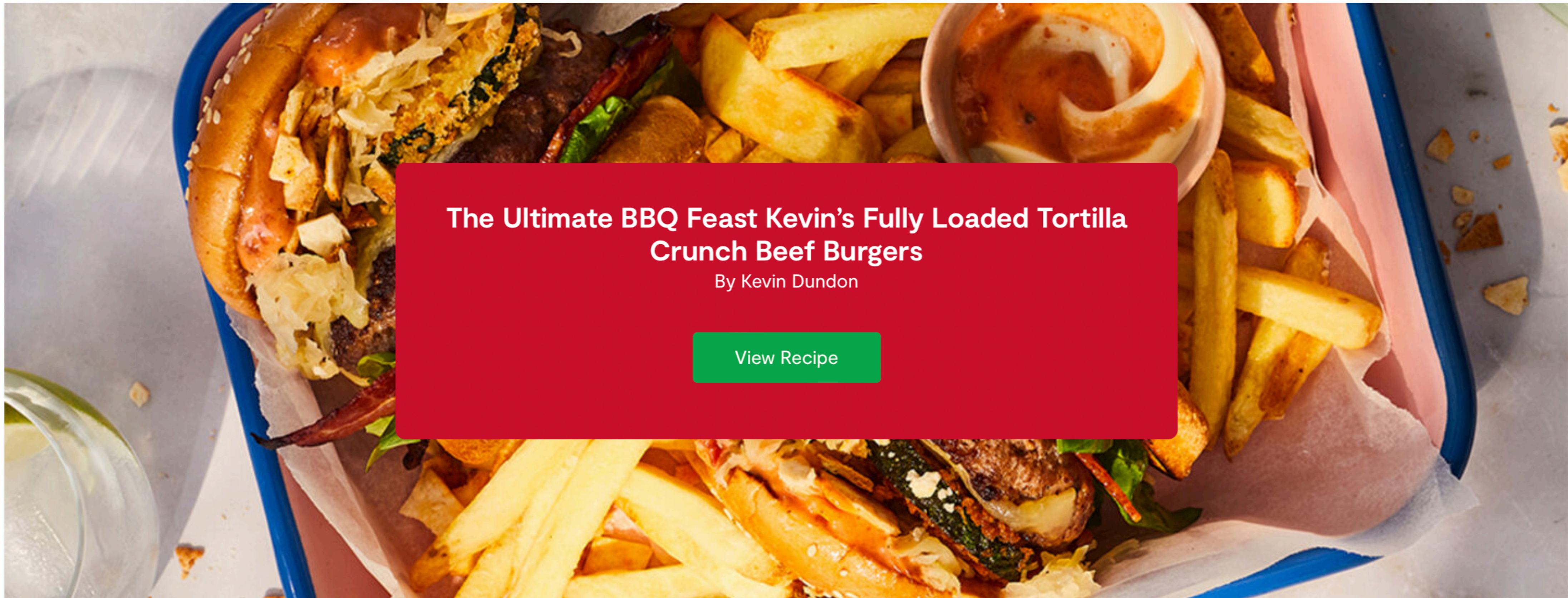


Guideline 1.4.6:

Enhanced contrast

The visual presentation of text and images of text has a contrast ratio of at least 7:1.

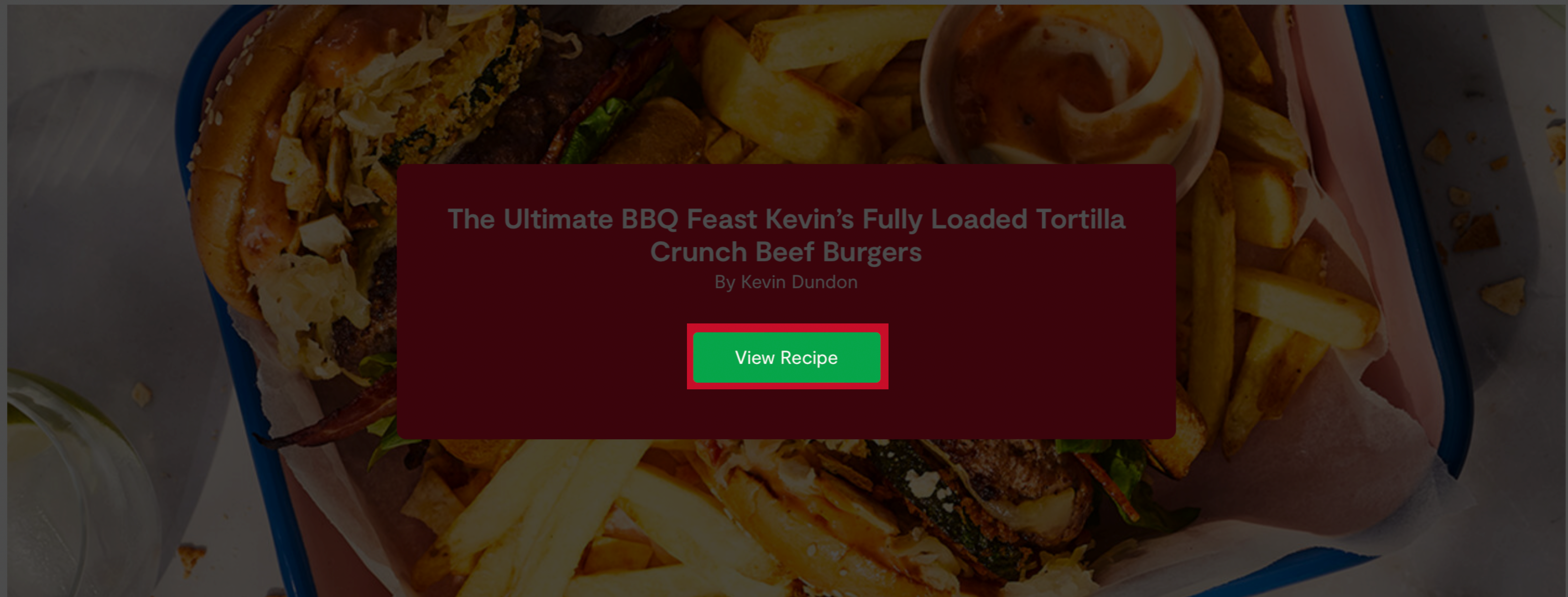
<https://www.w3.org/WAI/WCAG21/quickref/#contrast-enhanced>



The Ultimate BBQ Feast Kevin's Fully Loaded Tortilla Crunch Beef Burgers

By Kevin Dundon

[View Recipe](#)



The Ultimate BBQ Feast Kevin's Fully Loaded Tortilla Crunch Beef Burgers

By Kevin Dundon

[View Recipe](#)

Guideline 1.4.11:

Non-text contrast

The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent colors:

<https://www.w3.org/WAI/WCAG21/quickref/#non-text-contrast>

Guideline 1.4.11:

User interface components

Visual information required to identify user interface components and states.

<https://www.w3.org/WAI/WCAG21/quickref/#non-text-contrast>

- Home
- Community
- Patterns**
- Education
- Articles
- Podcast
- Resources
- Help
- Social
- Your Account

Sewing Patterns

Garment Type

- Tops
- Bottoms
- Dresses
- Jumpsuits
- Sweaters & Cardigans
- Outerwear
- Loungewear & Activewear
- Swimwear & Lingerie
- Gender Inclusive Fit
- Accessories
- All Garment Types



Danielle



Aims



Hansie



Help



Sewing Patterns

- Home
- Community
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- Social
- Your Account

Garment Type

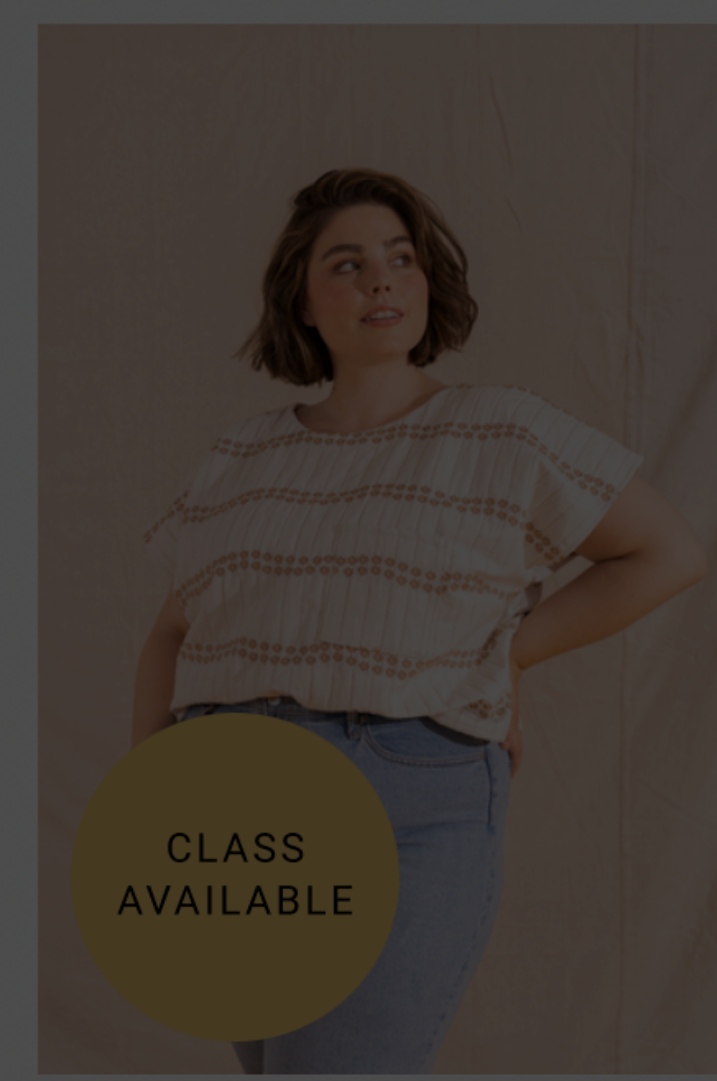
- Tops
- Bottoms
- Dresses
- Jumpsuits
- Sweaters & Cardigans
- Outerwear
- Loungewear & Activewear
- Swimwear & Lingerie
- Gender Inclusive Fit
- Accessories
- All Garment Types



Danielle



Aims



Hansie

Help

Guideline 1.4.11:

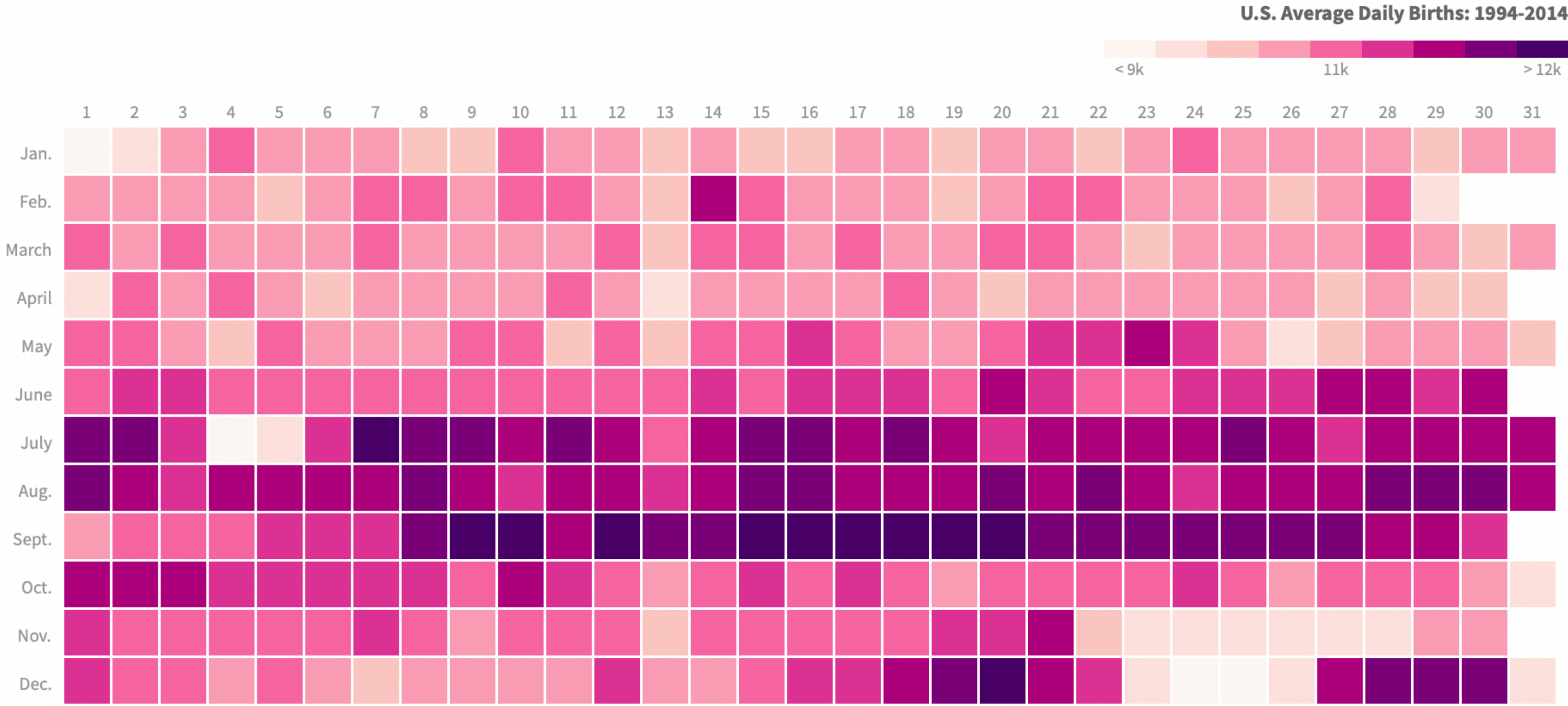
Graphical objects

Parts of graphics required to understand the content.

<https://www.w3.org/WAI/WCAG21/quickref/#non-text-contrast>

HOW POPULAR IS YOUR BIRTHDAY?

Two decades of American birthdays, averaged by month and day.



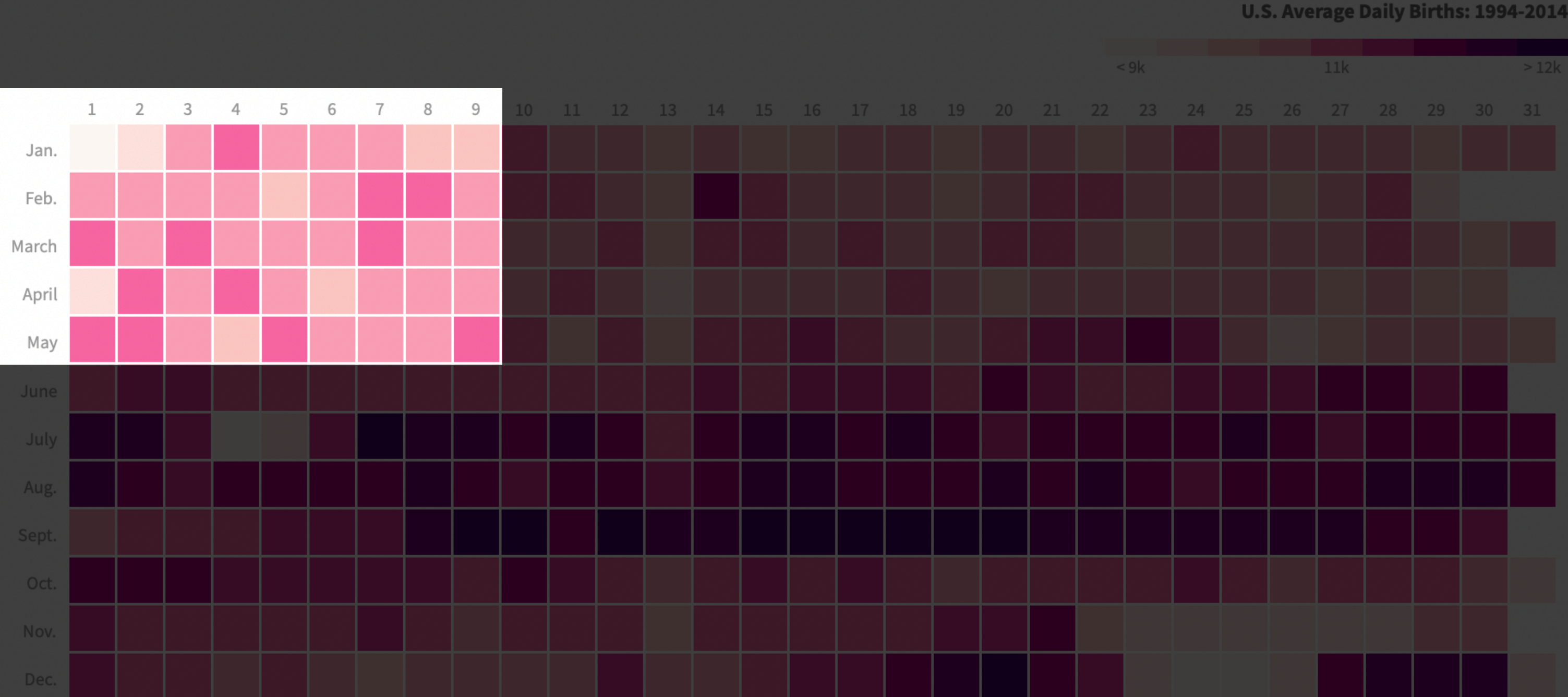
Notes: The conception date, purely for illustration, is 266 days prior to birth. It represents a hypothetical "moment of conception" based on the normal gestation period for humans, 280 days, minus the average time for ovulation, two weeks.

Data: U.S. National Center for Health Statistics (1994-2003); U.S. Social Security Administration (2004-2014) — via FiveThirtyEight

Credit: Matt Stiles/The Daily Viz

HOW POPULAR IS YOUR BIRTHDAY?

Two decades of American birthdays, averaged by month and day.



Notes: The conception date, purely for illustration, is 266 days prior to birth. It represents a hypothetical "moment of conception" based on the normal gestation period for humans, 280 days, minus the average time for ovulation, two weeks.

Data: U.S. National Center for Health Statistics (1994-2003); U.S. Social Security Administration (2004-2014) — via FiveThirtyEight

Credit: Matt Stiles/The Daily Viz

contrast ratio

Background: **8.52** Text color:

Relative Luminance: 1

Relative Luminance: 0 - 0.07323895587840545

↔ Swap colors

How to use

As you type, the contrast ratio indicated will update. Hover over the circle to get more detailed information.

When semi-transparent colors are involved as backgrounds, the contrast ratio will have an error margin, to account for the different colors they may be over.

This sample text attempts to visually demonstrate how readable this color combination is, for normal, *italic*,
contrast-ratio.com

Contrast

Colour Contrast Analyser (CCA)

TPGi's free color contrast checker tool that allows you to easily determine the contrast ratio of two colors simply using an eyedrop tool. The CCA enables you to optimize your content—including text and visual elements—for individuals with vision disabilities like color-blindness and low-vision impairments.

Features

- Compliance indicators for Web Content Accessibility Guidelines 2.1 (WCAG 2.1)
- Multiple ways to select colors: you can manually enter CSS color formats, use an RGB Slider, or opt for the color picker tool
- Color Blindness Simulator
- Support for alpha transparency on foreground colors

The screenshot displays the Colour Contrast Analyser (CCA) interface. At the top, it shows the foreground color as black (#000000) and the background color as white (#FFFFFF). Below this is a sample preview area with the text 'example text showing contrast'. The WCAG 2.1 results section shows a contrast ratio of 21:1 and indicates that the tool passes all tested criteria, including 1.4.3 Contrast (Minimum) (AA), 1.4.6 Contrast (Enhanced) (AAA), and 1.4.11 Non-text Contrast (AA).

Download TPGi Color Contrast Analyser for Windows >

Contrast

whocanuse

The quick brown fox jumps over the lazy dog

BACKGROUND # 663399

TEXT 16 PX BOLD # FFFFFFFF

H S L sliders

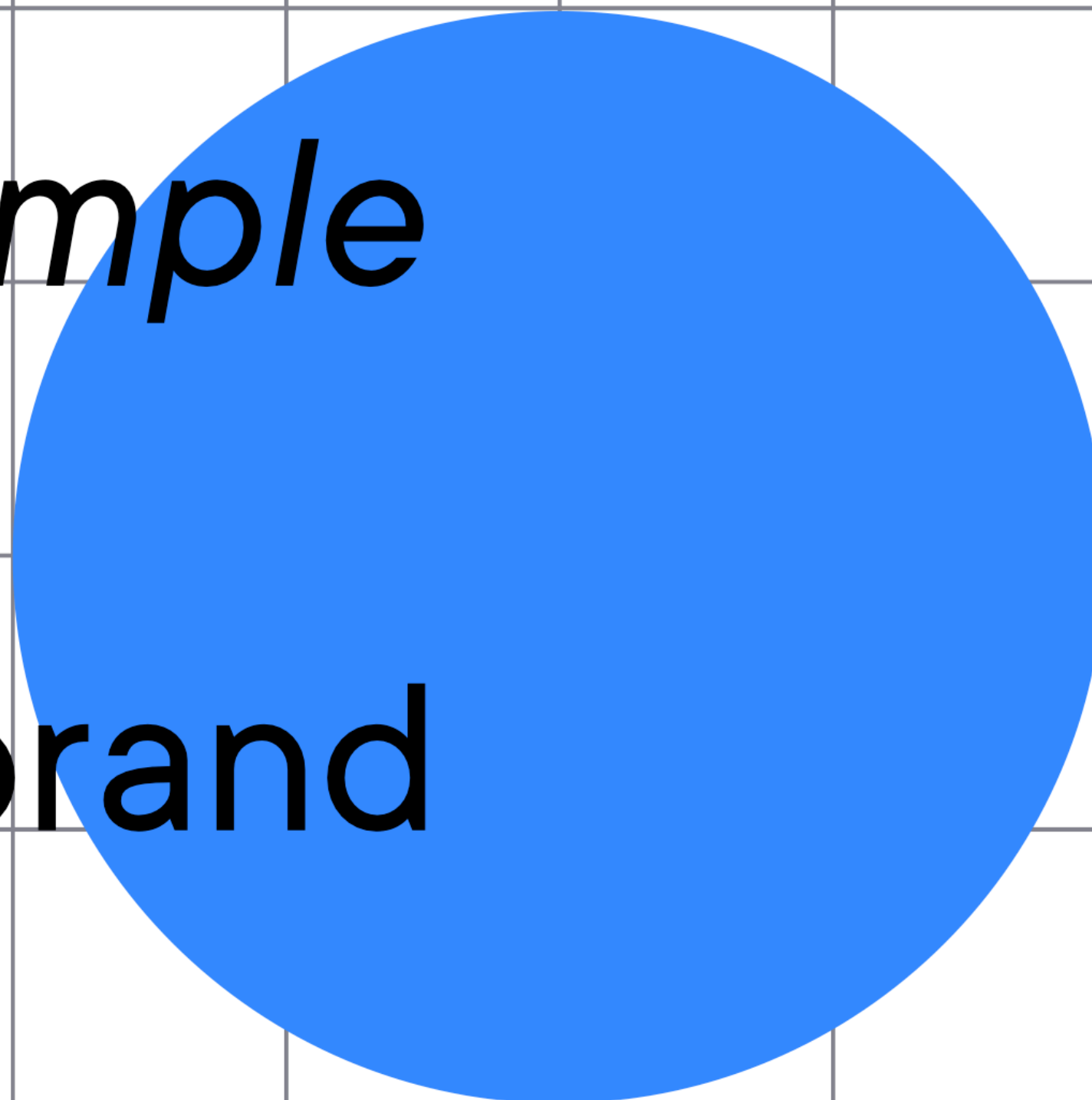
Who can use this color combination?

Contrast Ratio	8.41:1	WCAG Grading
Regular Vision (Trichromatic) 🌈	Can distinguish all three primary color, little to no blurriness	What I see 68% affected
Protanomaly 🌈	Reduced sensitivity to red - trouble distinguishing reds and greens	What I see 1.3% affected
Protanopia 🌈	Red blind - Can't see reds at all	What I see 1.5% affected
Deuteranomaly 🌈	Reduced sensitivity to green - Trouble distinguishing reds and greens	What I see 5.3% affected
Deuteranopia 🌈	Green blind - Can't see greens at all	What I see 1.2% affected

**Accessible design limits your
creative colour choices.**

**Creativity thrives
under constraints.**

We're using a *simple*
visual language
to express our brand



Black
#000000

#27282d	Dark grid #83858E
Perfect Grey #e2e9f4	Light grid #C3CBD8

grey

#1956dd

Blue
#3489ff

80%

60%

40%

blue

#f26200

Orange
#ff7415

80%

60%

40%

orange

Black
#000000

#27282d	Dark grid #83858E
Perfect Grey #e2e9f4	Light grid #C3CBD8

grey

#1956dd

Blue
#3489ff

80%

60%

40%

blue

#f26200

Orange
#ff7415

80%

60%

40%

orange



Black
#000000

#27282d	Dark grid #83858E
Perfect Grey #e2e9f4	Light grid #C3CBD8

grey

#1956dd

Blue
#3489ff

80%

60%

40%

blue

#f26200

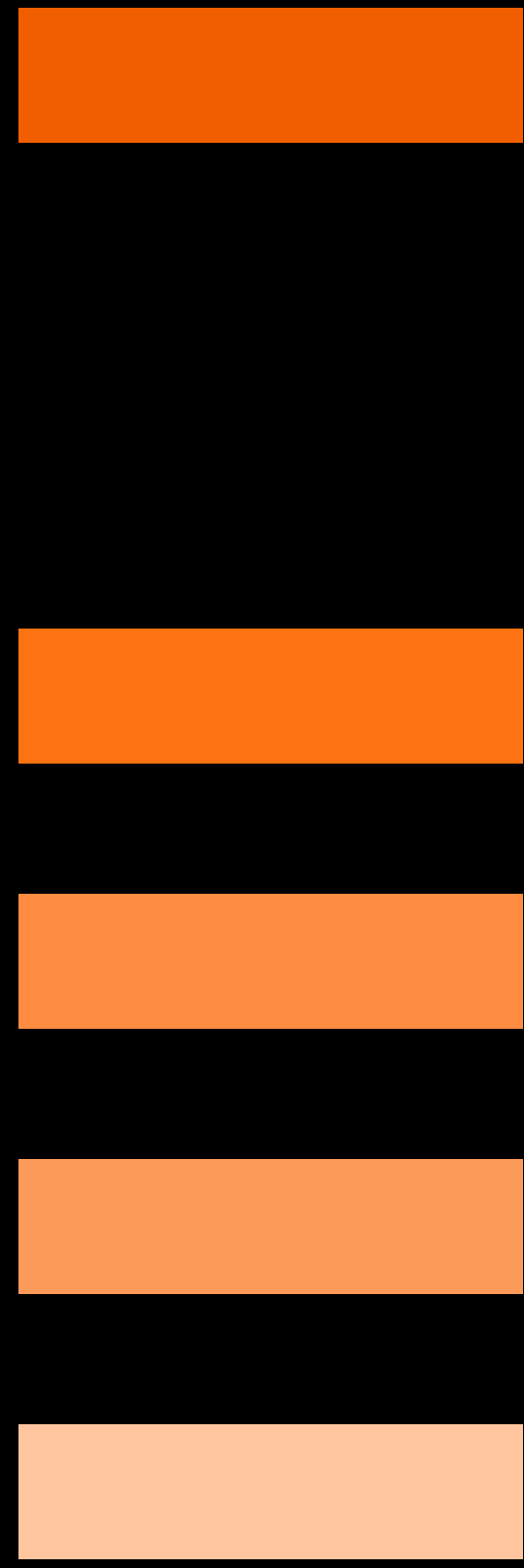
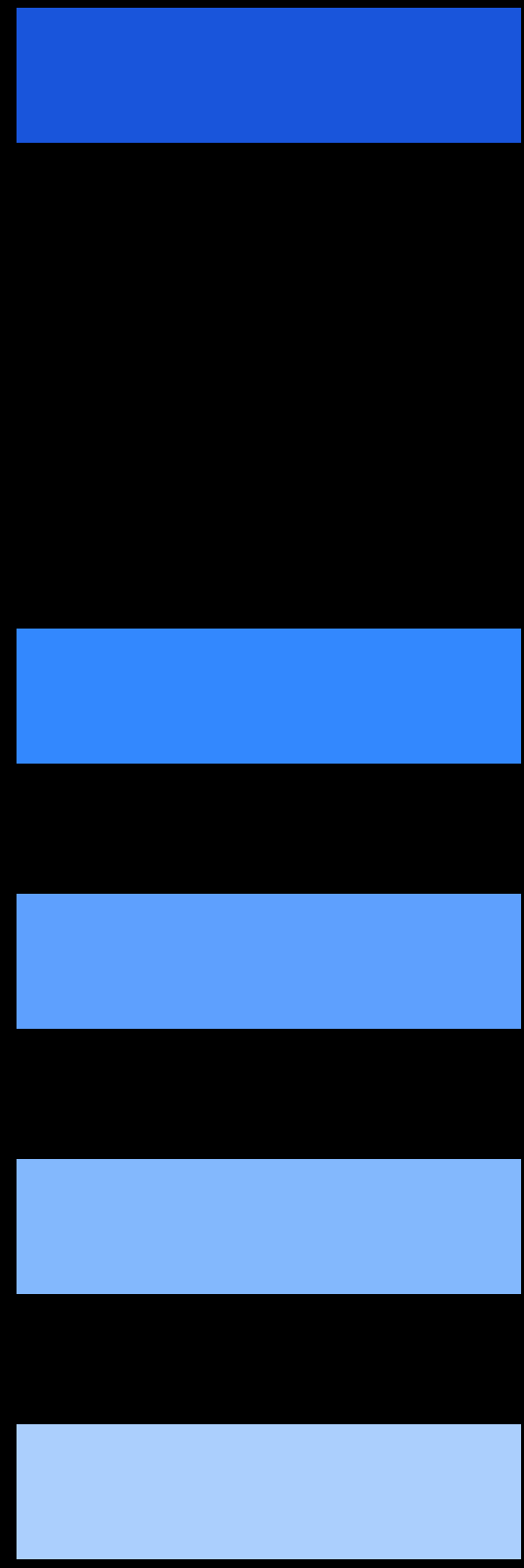
Orange
#ff7415

80%

60%

40%

orange



Black
#000000

#27282d	Dark grid #83858E
Perfect Grey #e2e9f4	Light grid #C3CBD8

grey

#1956dd

Blue
#3489ff

80%

60%

40%

blue

#f26200

Orange
#ff7415

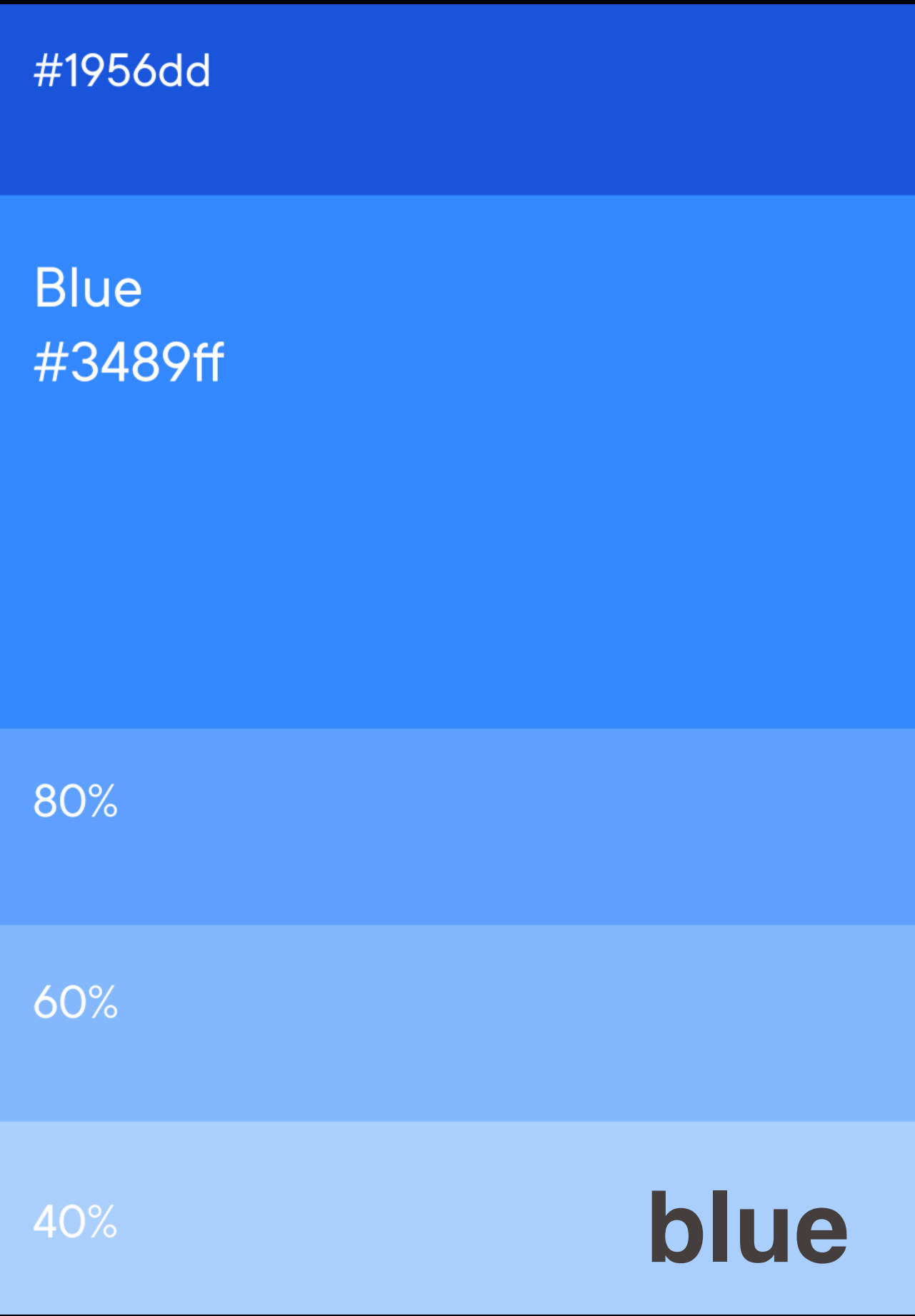
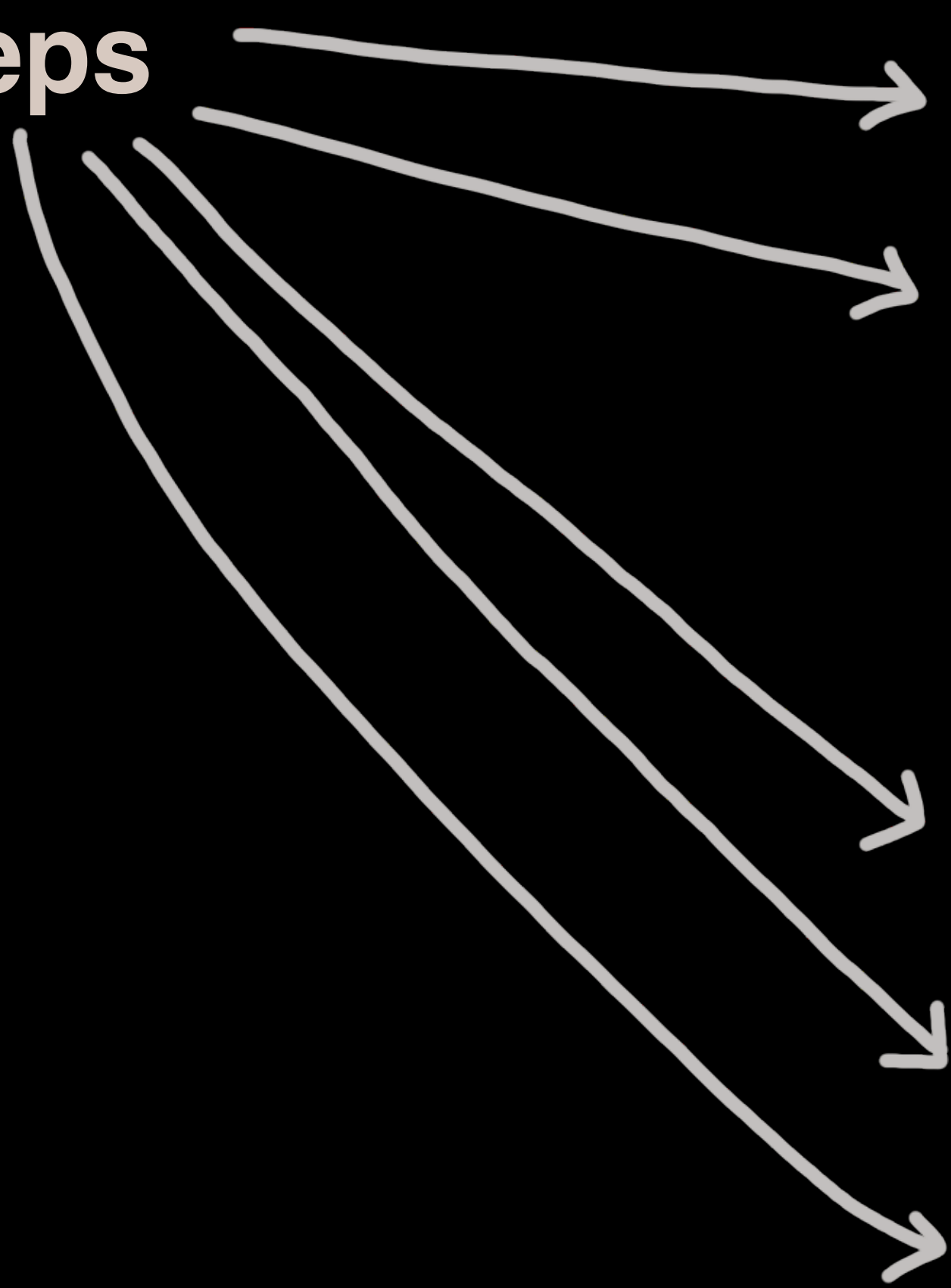
80%

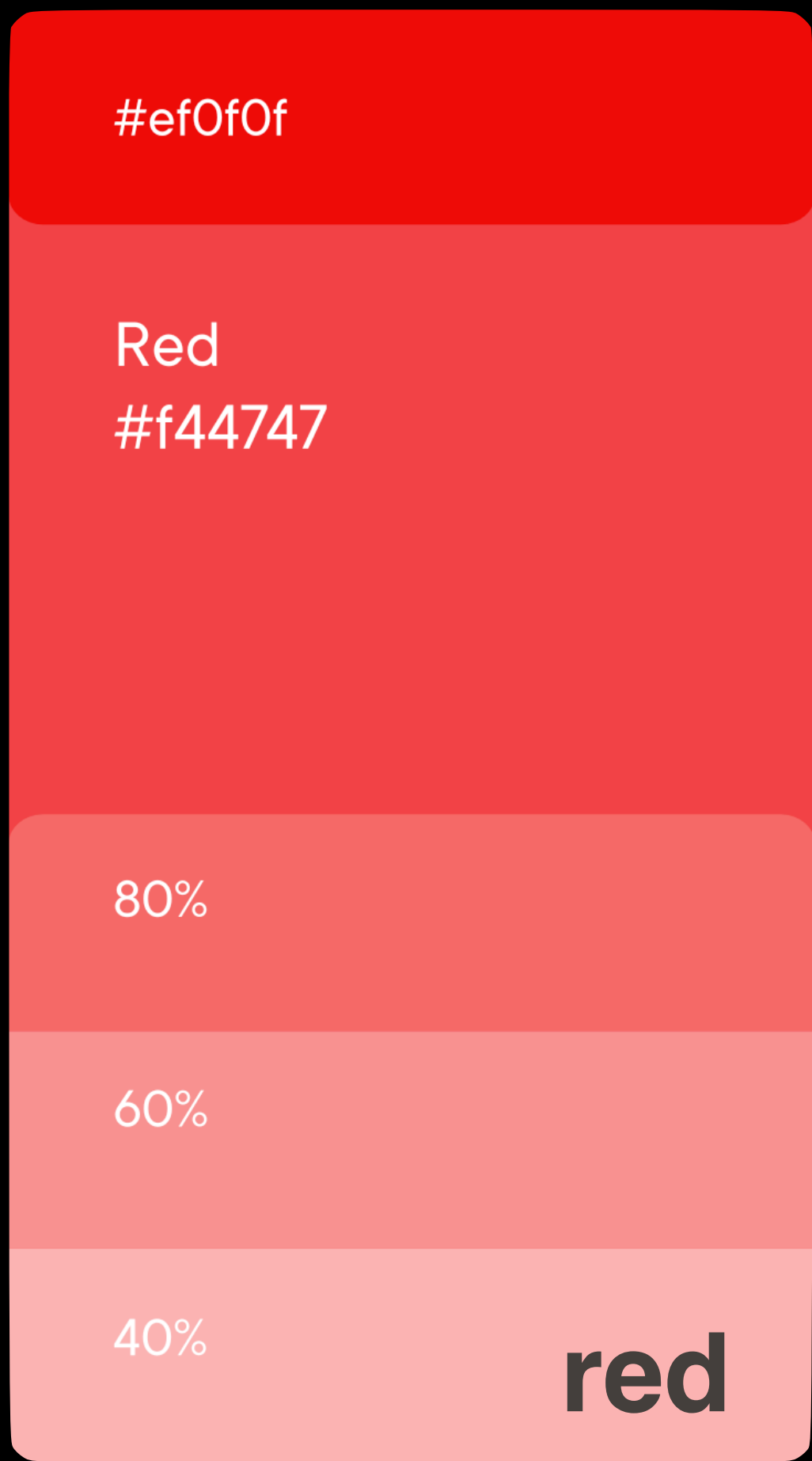
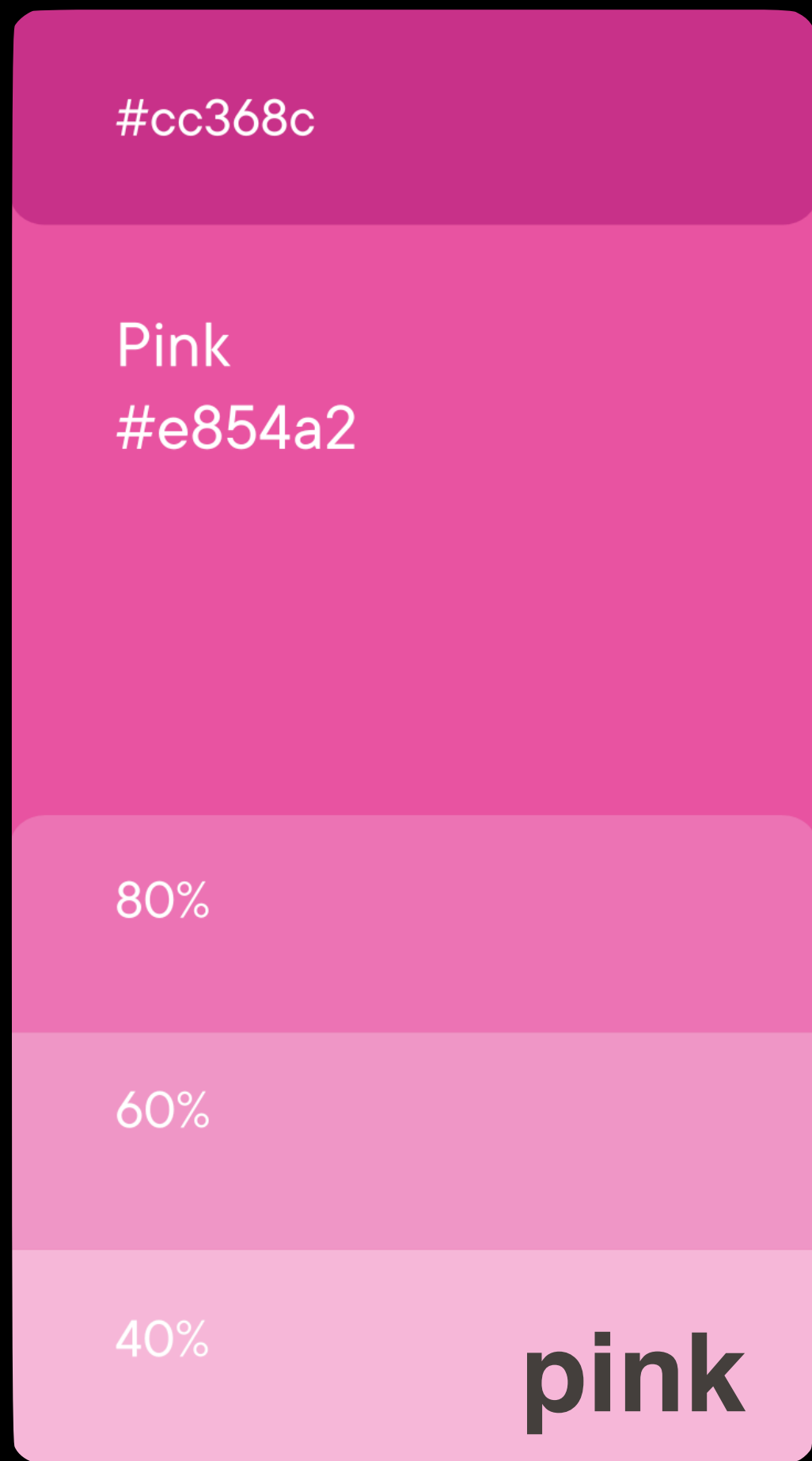
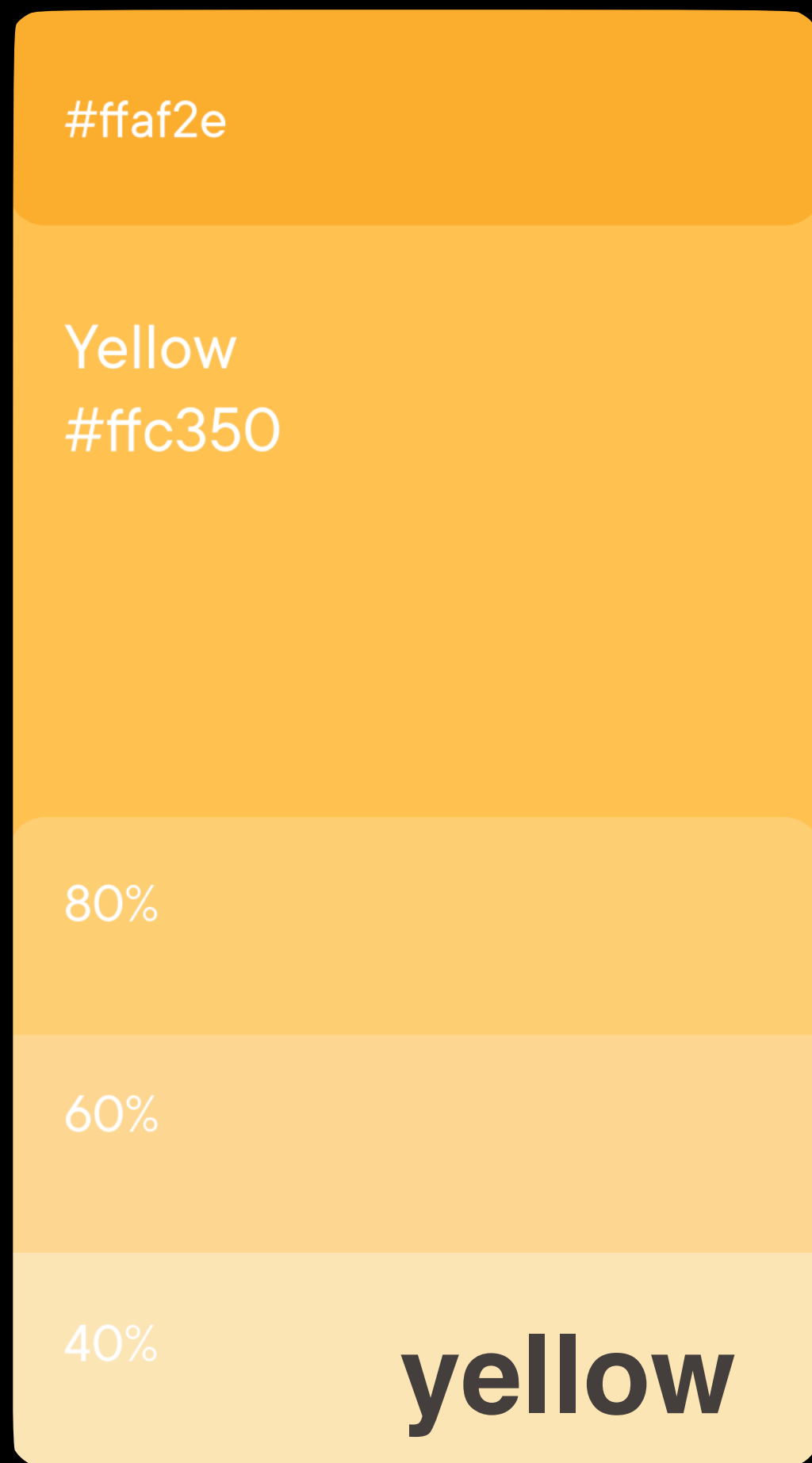
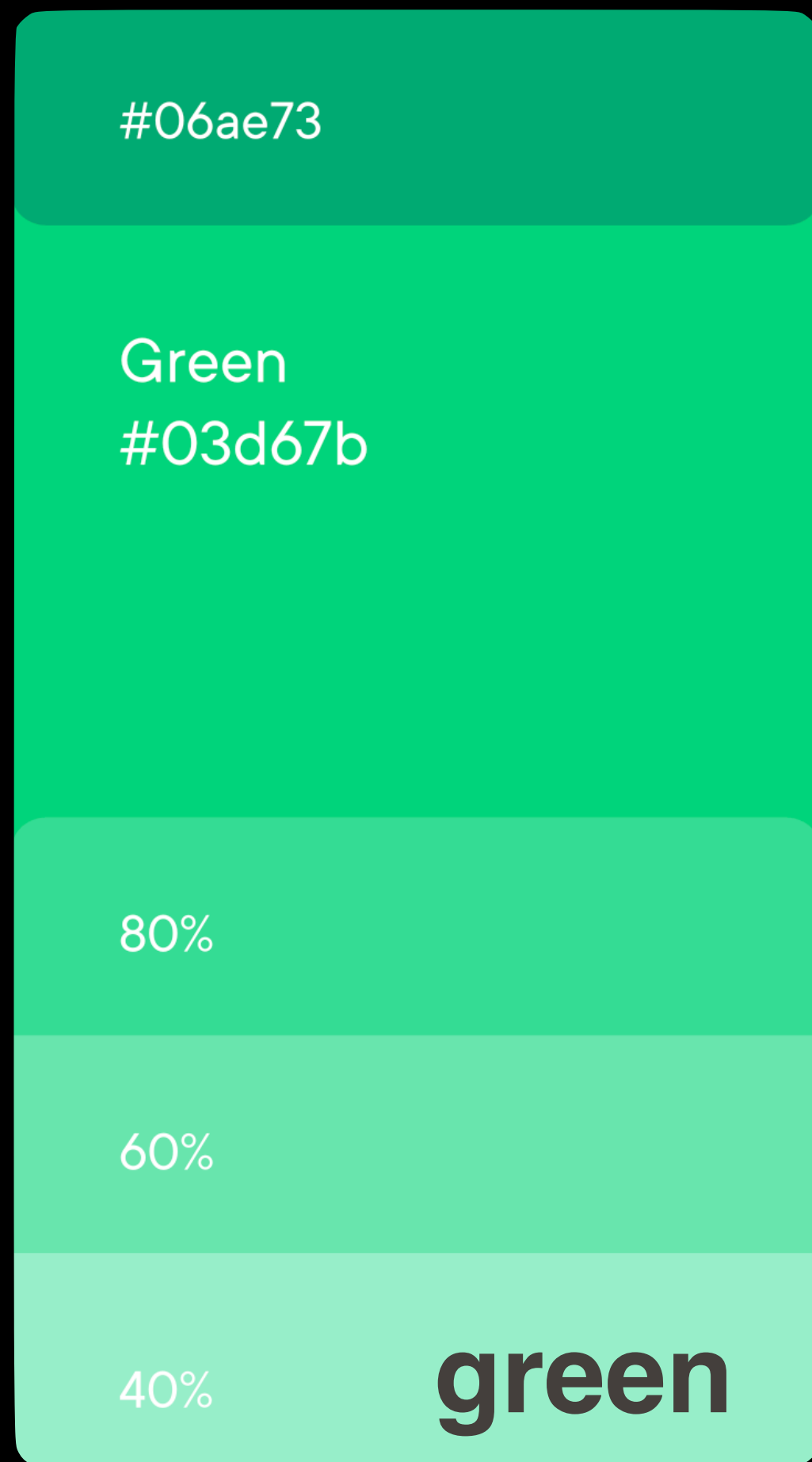
60%

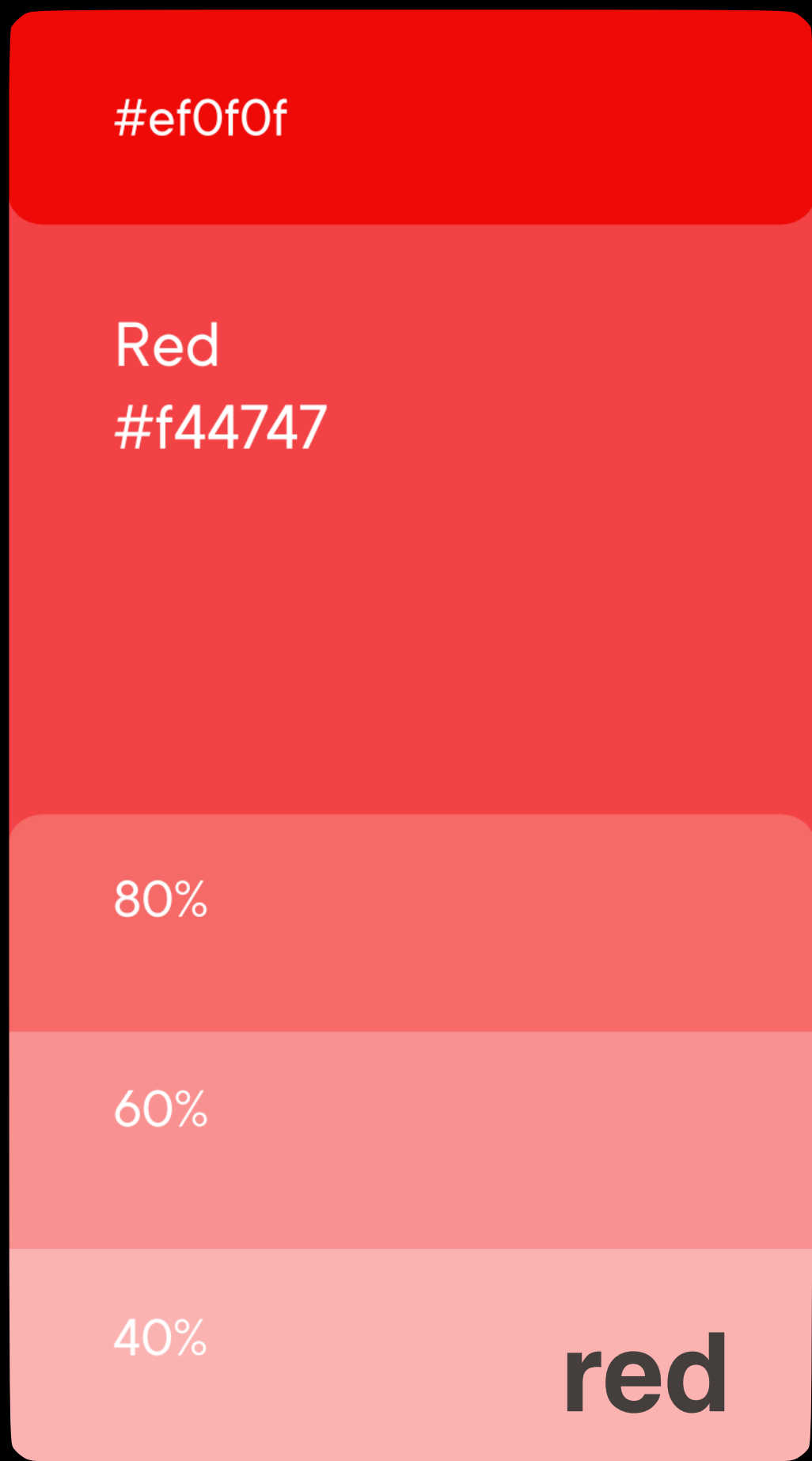
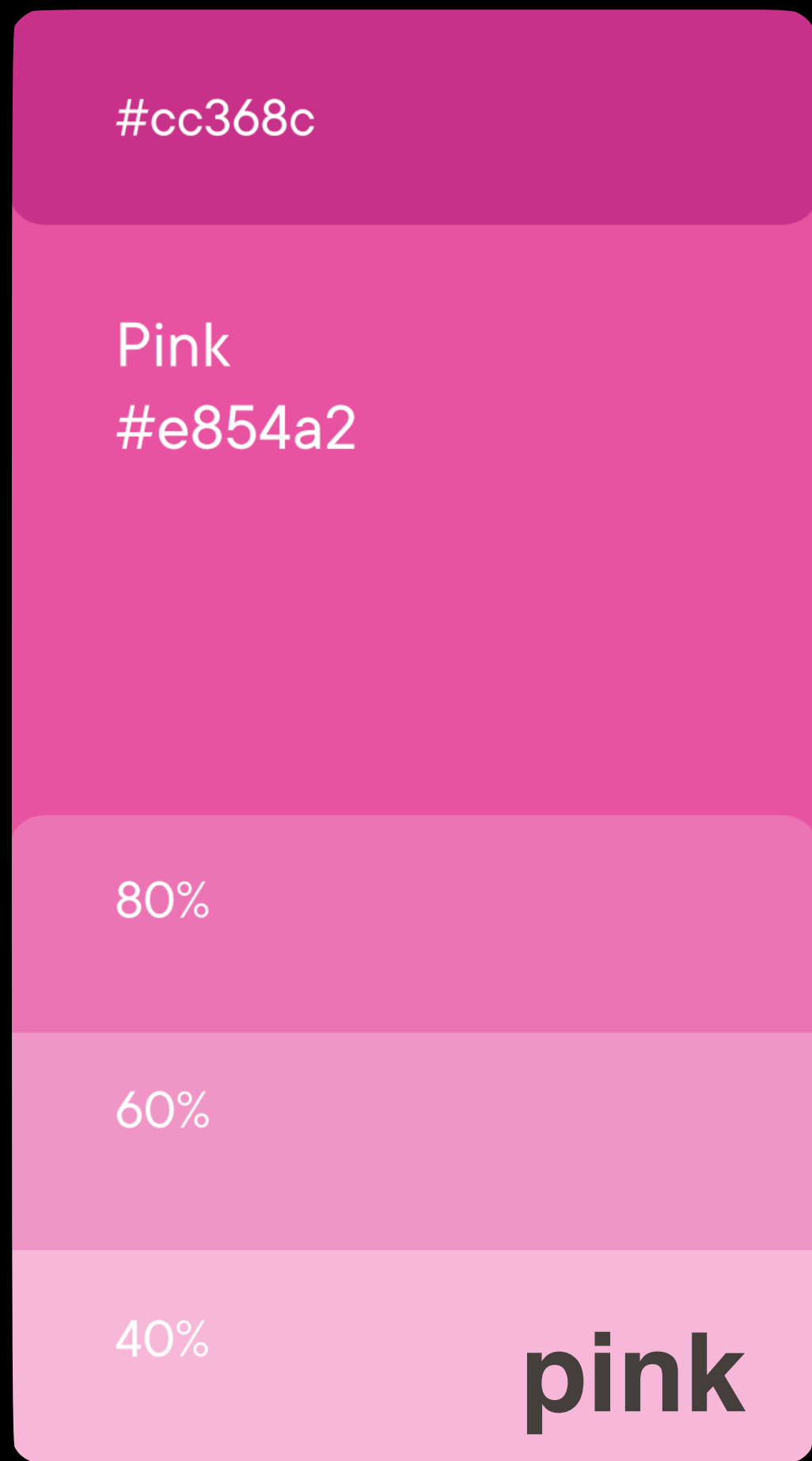
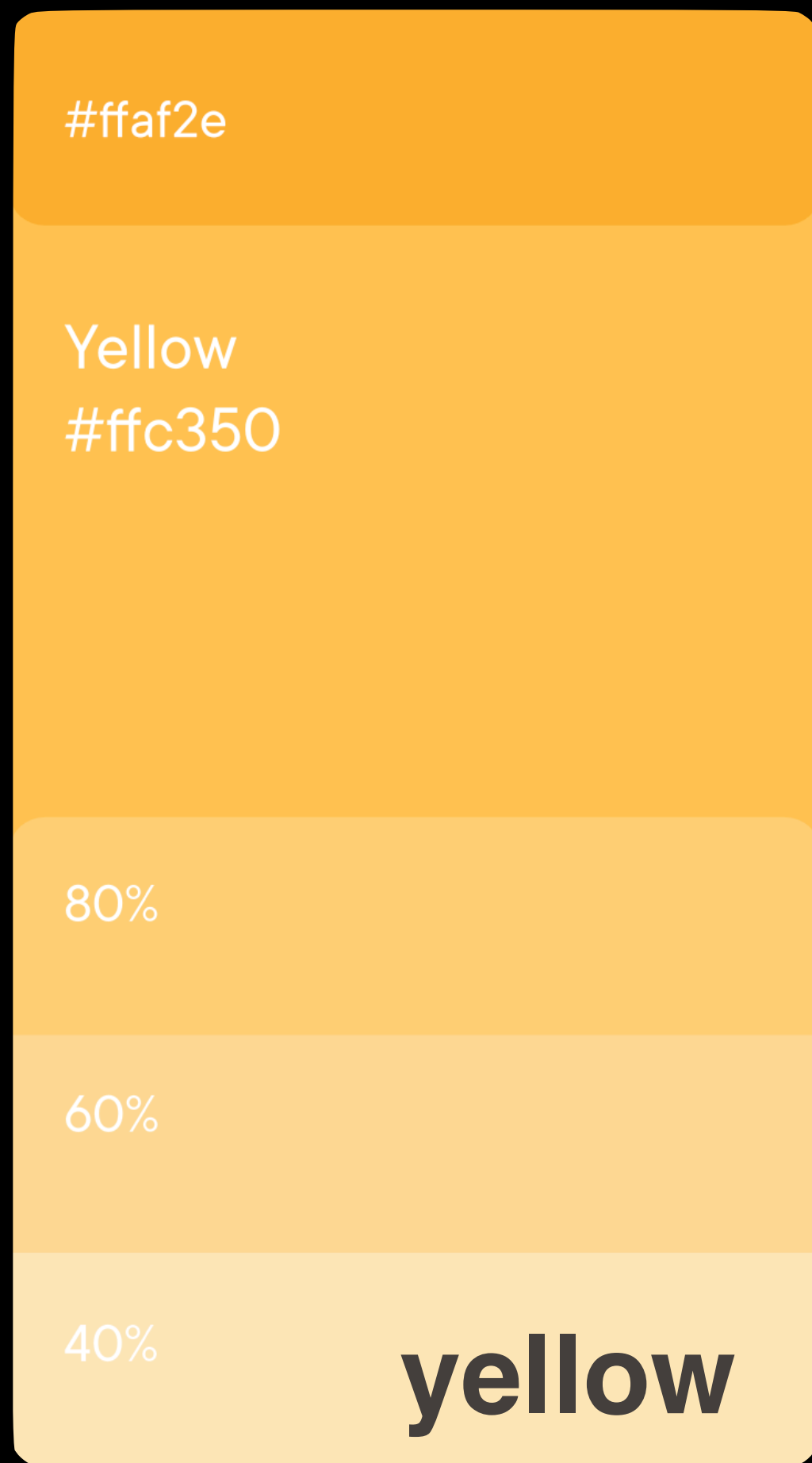
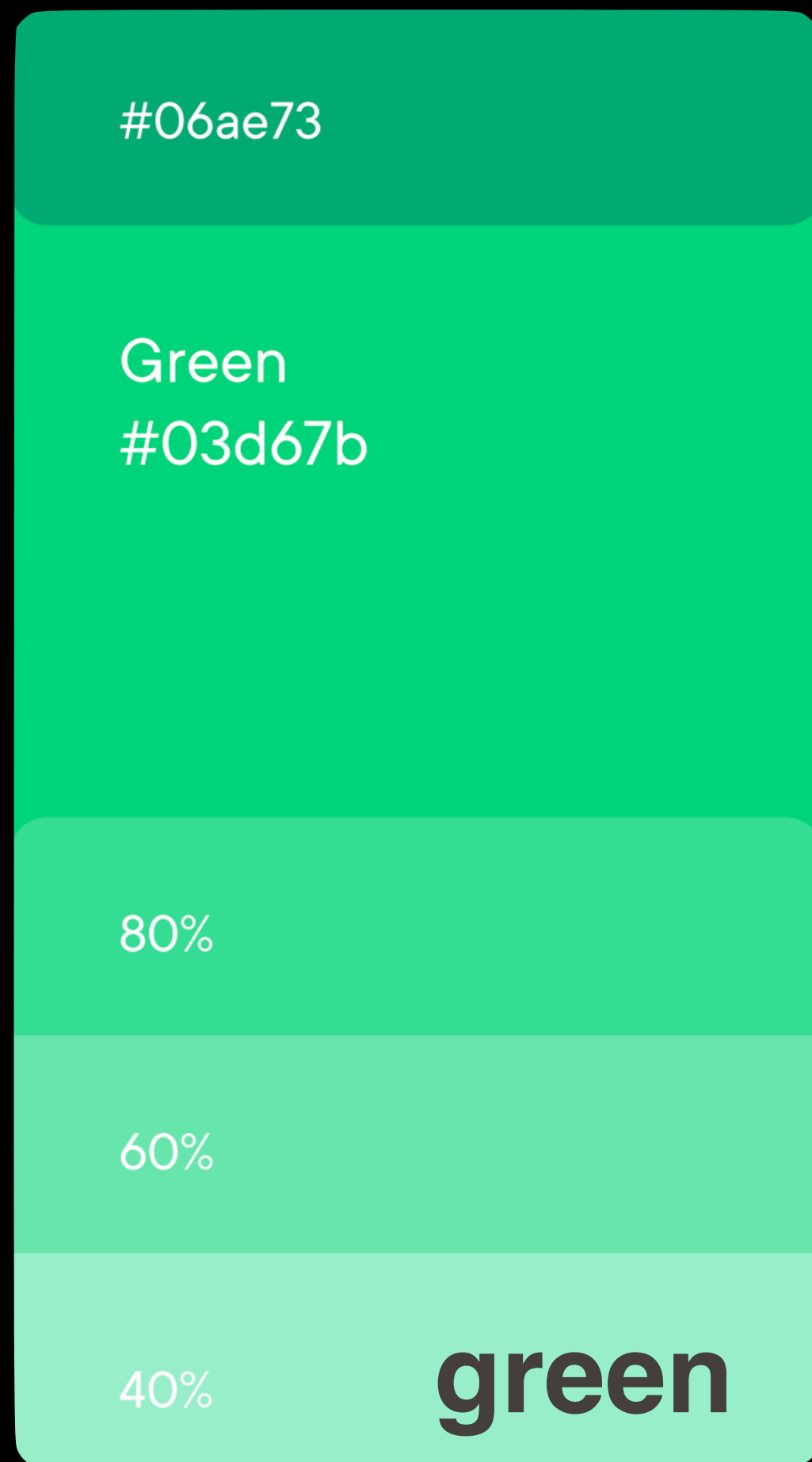
40%

orange

steps







Contrast

white text

Green
#03d67b

black text

80%

60%

40% **green**

white text

Yellow
#ffc350

black text

80%

60%

40% **yellow**

white text

Pink
#e854a2

black text

80%

60%

40% **pink**

white text

Red
#f44747

black text

80%

60%

40% **red**

Usability

Usability

**A brand shouldn't use the
same palette everywhere.**

Black
#000000

#27282d	Dark grid #83858E
Perfect Grey #e2e9f4	Light grid #C3CBD8

grey

#1956dd

Blue
#3489ff

80%

60%

40%

blue

#f26200

Orange
#ff7415

80%

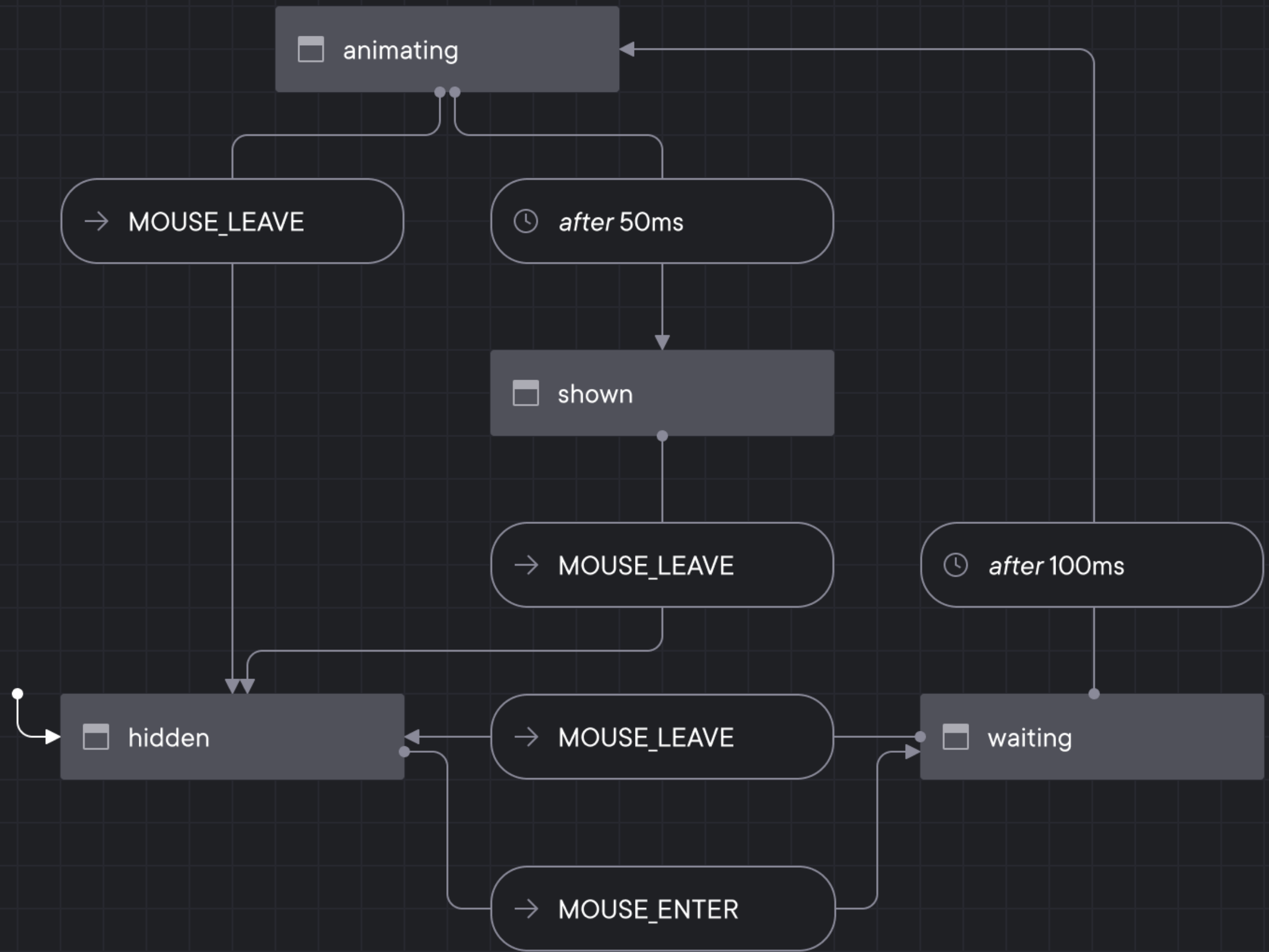
60%

40%

orange

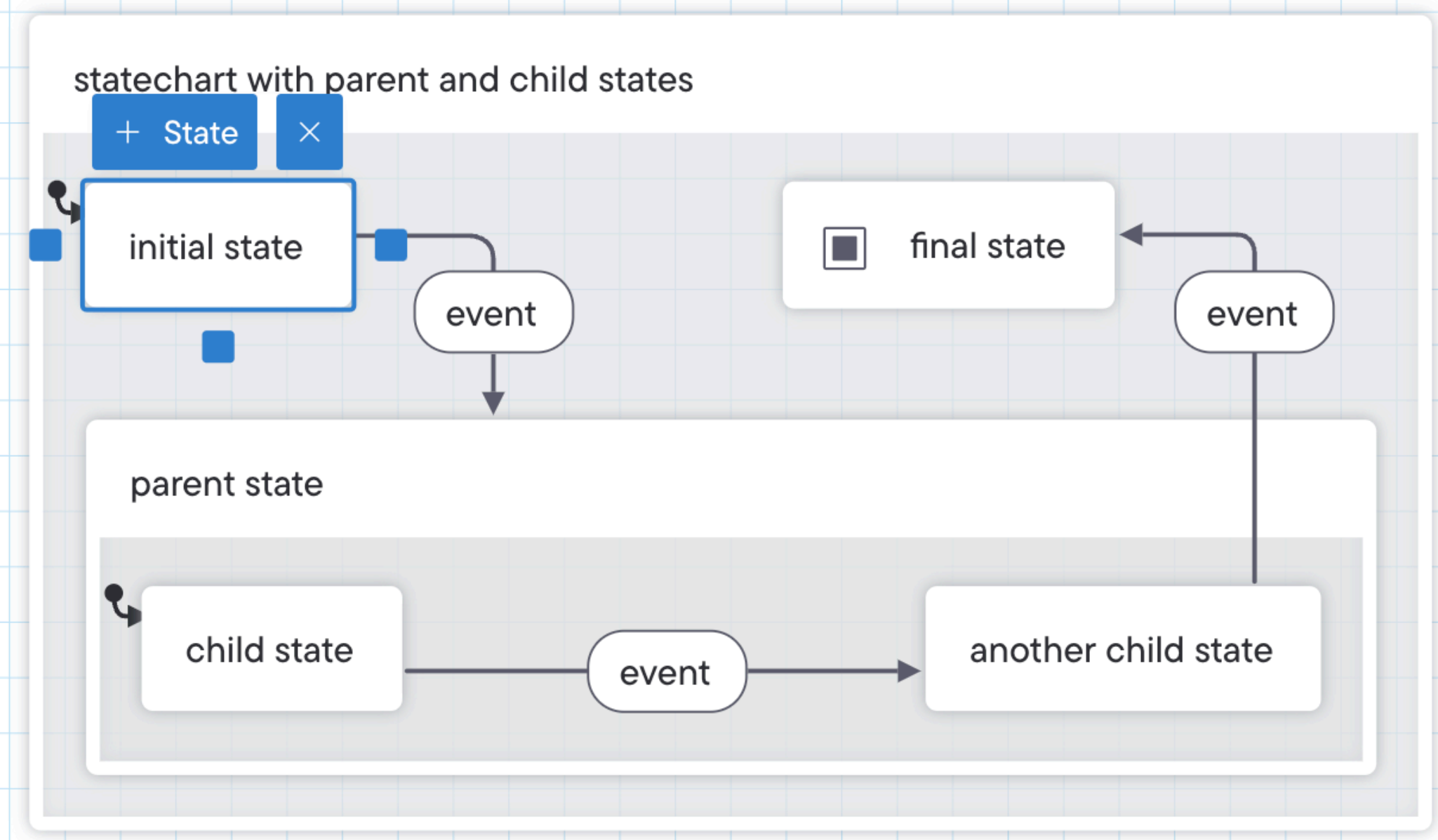
Color Palette

White	FFFFFF	Usage examples: Headlines, names, selected tabs, icons
Grey00	ACACB4	Usage examples: Sub-texts
Grey01	8A8A99	Usage examples: Labels, inactive texts
Grey02	50515A	Usage examples: Hover States
Grey03	313238	Usage examples: Separators, buttons, context menu background
Grey04	292B2F	Usage examples: Registry - field forms
Grey05	27282D	Usage examples: Editor - active states
Grey06	1F2024	Usage examples: Main backgrounds
Blue00	056DFF	Usage examples: Important buttons background, default avatar background
Blue01	1956DD	Usage examples: Important buttons background, toaster background
Red00	F44747	Usage examples: Critical elements: texts & icons
Red01	EF0F0F	Usage examples: Critical elements: backgrounds
Orange00	FF9044	Usage examples: Search text highlights



STRUCTURE

- statechart with parent and child s...



EDIT

KEY: initial state

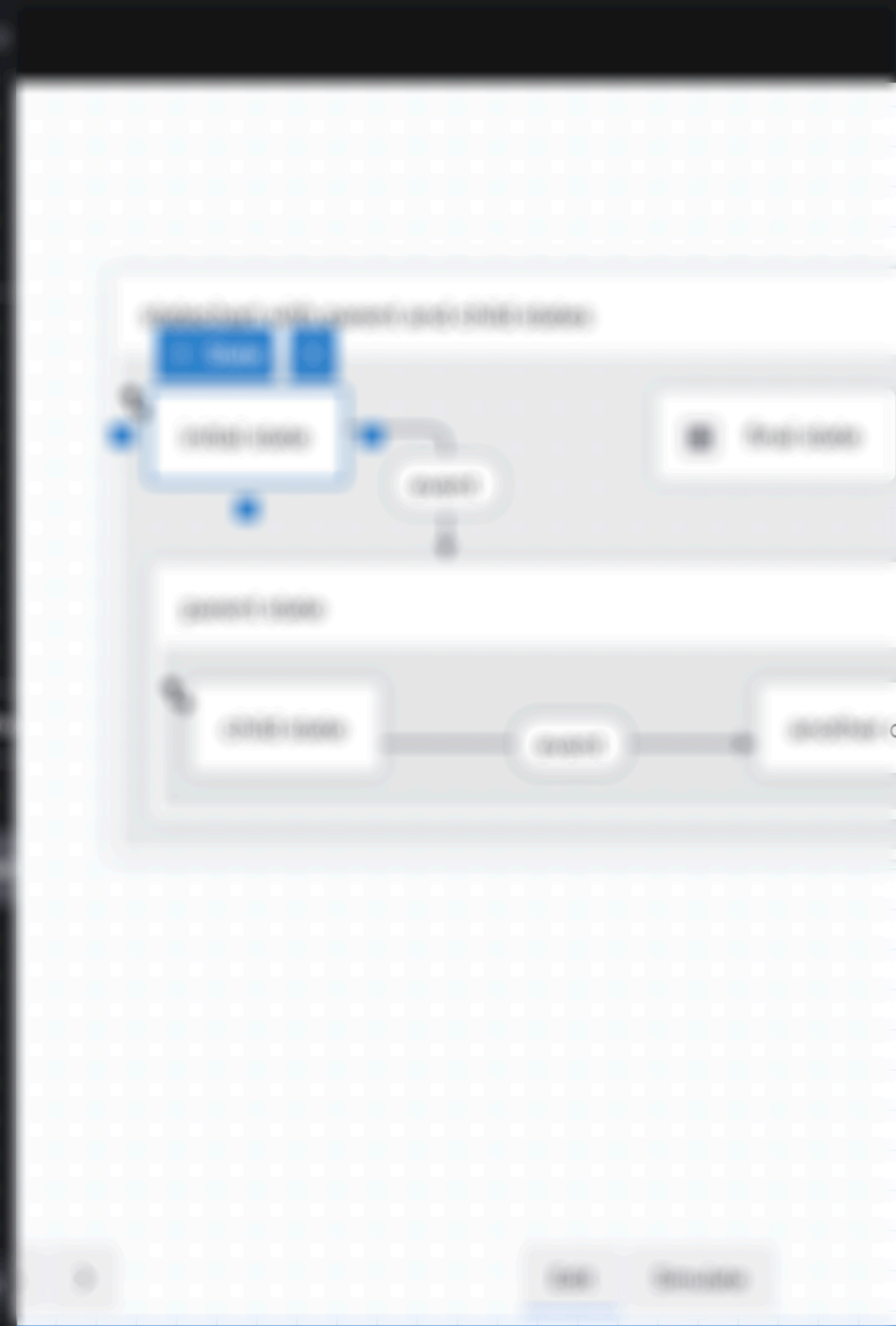
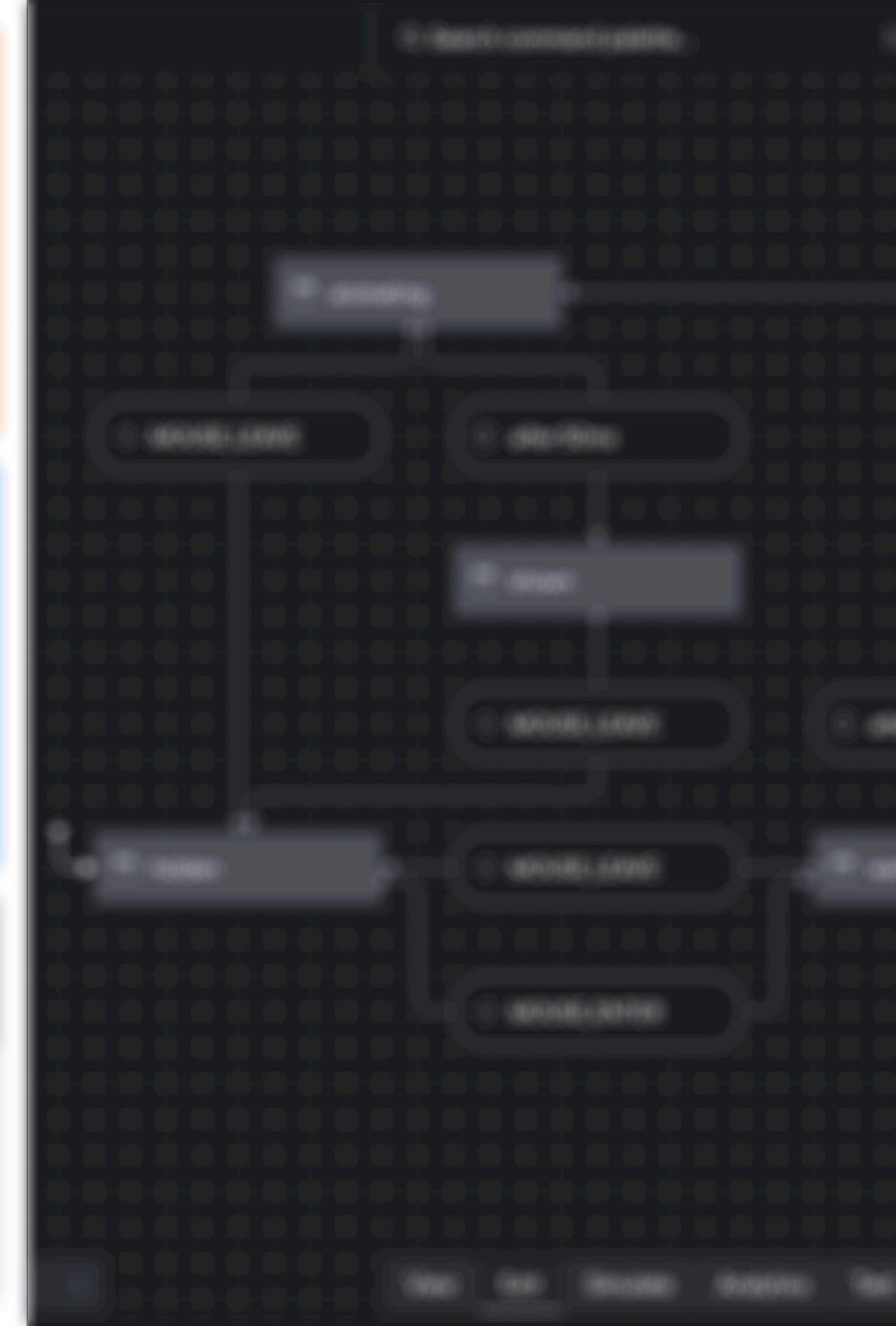
TYPE: Normal

DESCRIPTION:

Invocations (0) +

Entry actions (0) +

Exit actions (0) +



Home

▾ Getting Started

Installation

Glossary

▾ Handbook

▾ Basics

What is a statechart?

Options

Inline vs. named Options

> Actions and context

> Transitions and choices

> Running machines

> Deep dive: states

> Model-based testing

> Effects

> TypeScript

> Advanced Topics

> Tools

> Templates

> XState add-ons

> Integrations

> Examples

🏠 > Handbook > Basics > What is a statechart?

What is a statechart?

Statecharts are a visual language used to describe the states in a process.

You may have used similar diagrams in the past to design user flows, plan databases or map app architecture. Statecharts are another way of using boxes and arrows to represent flows, but with XState, these flows are also executable code you can use to control the logic in your applications.

[Install XState](#) and create a statechart by importing `createMachine` from `xstate`.

```
import { createMachine } from 'xstate';

const machine = createMachine({
  // statechart config goes here
});
```

States

The *states* are represented by rounded rectangle boxes. When drawing a statechart for the process of a dog, two states would first come to mind:

States

Initial state

Transitions and events


Events


Events in TypeScript







Summary

Better than boring


Docusaurus Docs API Blog Showcase Community


Primary Color: #2e8555  [Edit dark mode](#)

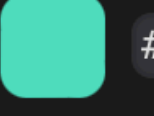
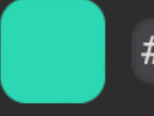
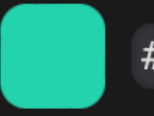
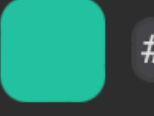
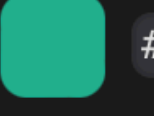
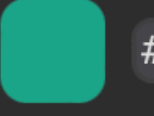
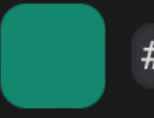
Background: 

CSS Variable Name	Hex	Adjustment
--ifm-color-primary-lightest	 #3cad6e	-30
--ifm-color-primary-lighter	 #359962	-15
--ifm-color-primary-light	 #33925d	-10
--ifm-color-primary	 #2e8555	0
--ifm-color-primary-dark	 #29784c	10
--ifm-color-primary-darker	 #277148	15

Docusaurus Docs API Blog Showcase Community

Primary Color: #25c2a0  [Edit light mode](#)

Background: 

CSS Variable Name	Hex	Adjustment	Contrast Rating
--ifm-color-primary-lightest	 #4fddb7	-30	AAA 🏆
--ifm-color-primary-lighter	 #32d8b4	-15	AAA 🏆
--ifm-color-primary-light	 #29d5b0	-10	AAA 🏆
--ifm-color-primary	 #25c2a0	0	AAA 🏆
--ifm-color-primary-dark	 #21af90	10	AA 👍
--ifm-color-primary-darker	 #1fa588	15	AA 👍
--ifm-color-primary-darkest	 #1a8870	30	Fail 🚫

What is a statechart?

Draw attention
Distiguish
Emphasise
Aid Hierarchy
Focus

Statecharts are a graphical visual language used to describe the states in a process.

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Install XState and create a statechart by importing `createMachine` from `xstate`.

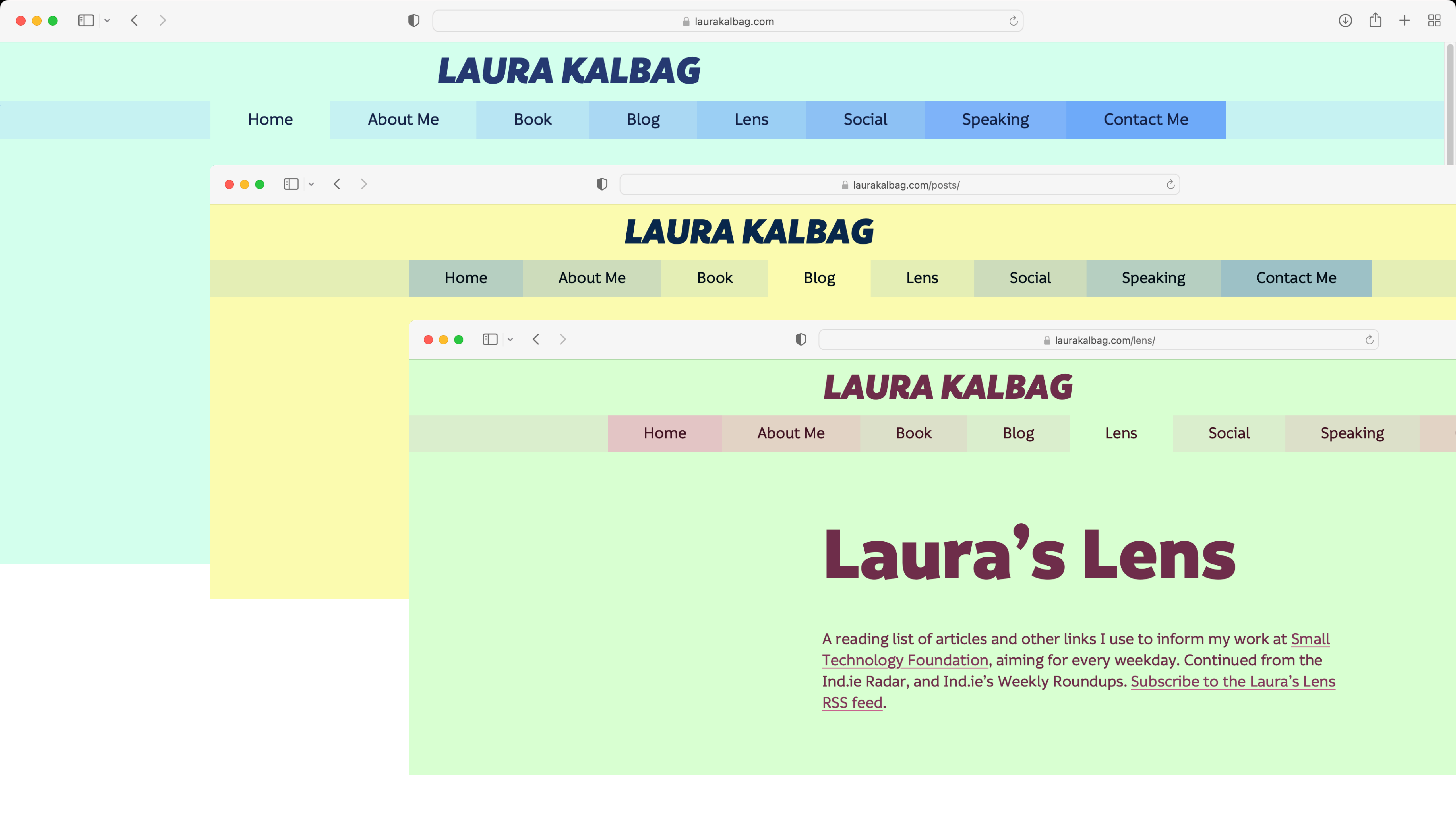
```
import { createMachine } from 'xstate';

const machine = createMachine({
  // statechart config goes here
});
```

States

The *states* are represented by rounded rectangle boxes. When drawing a statechart for the process of a dog, two states would first come to mind:

Usability



LAURA KALBAG

Home

About Me

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Speaking

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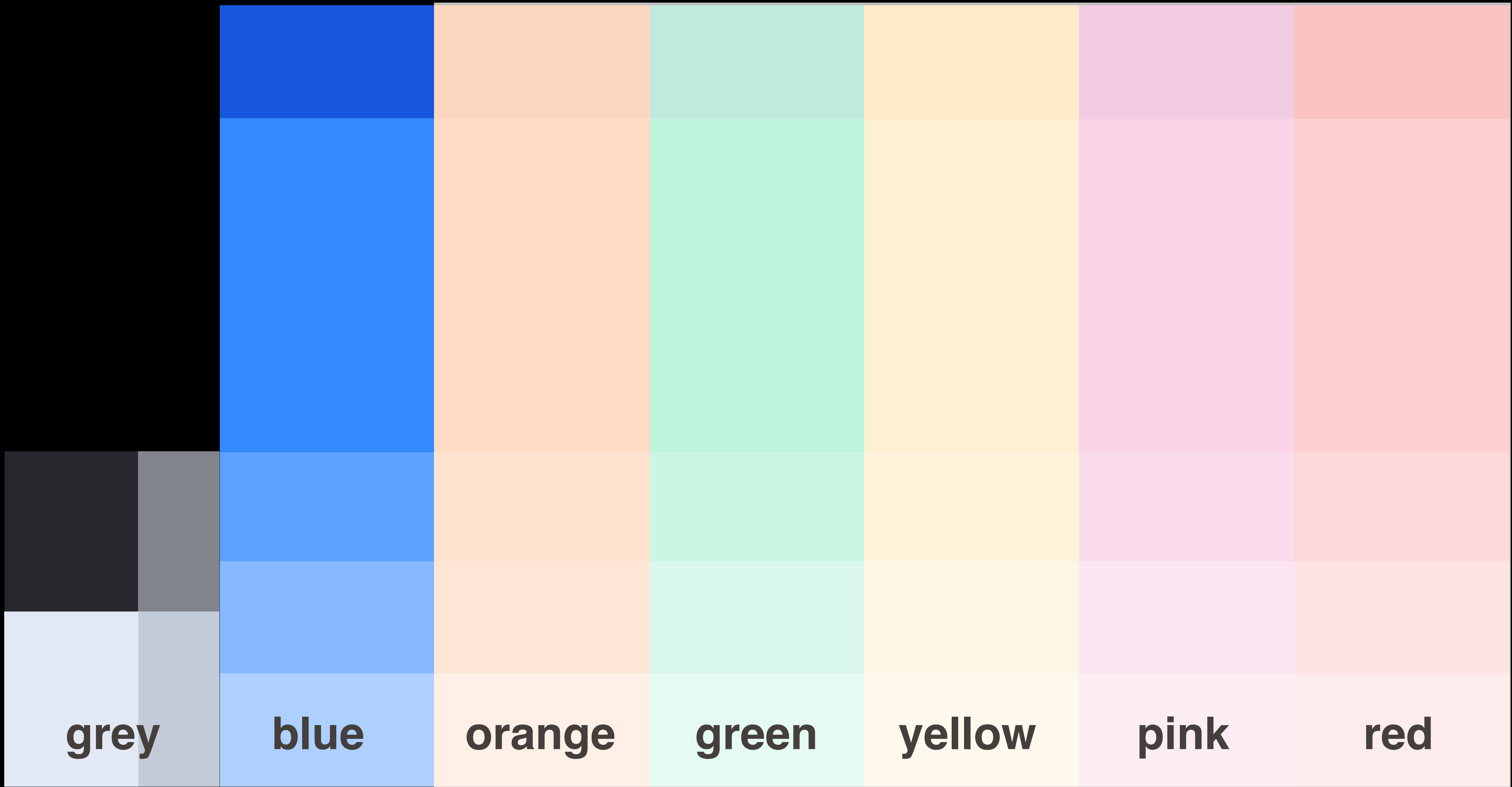
Social

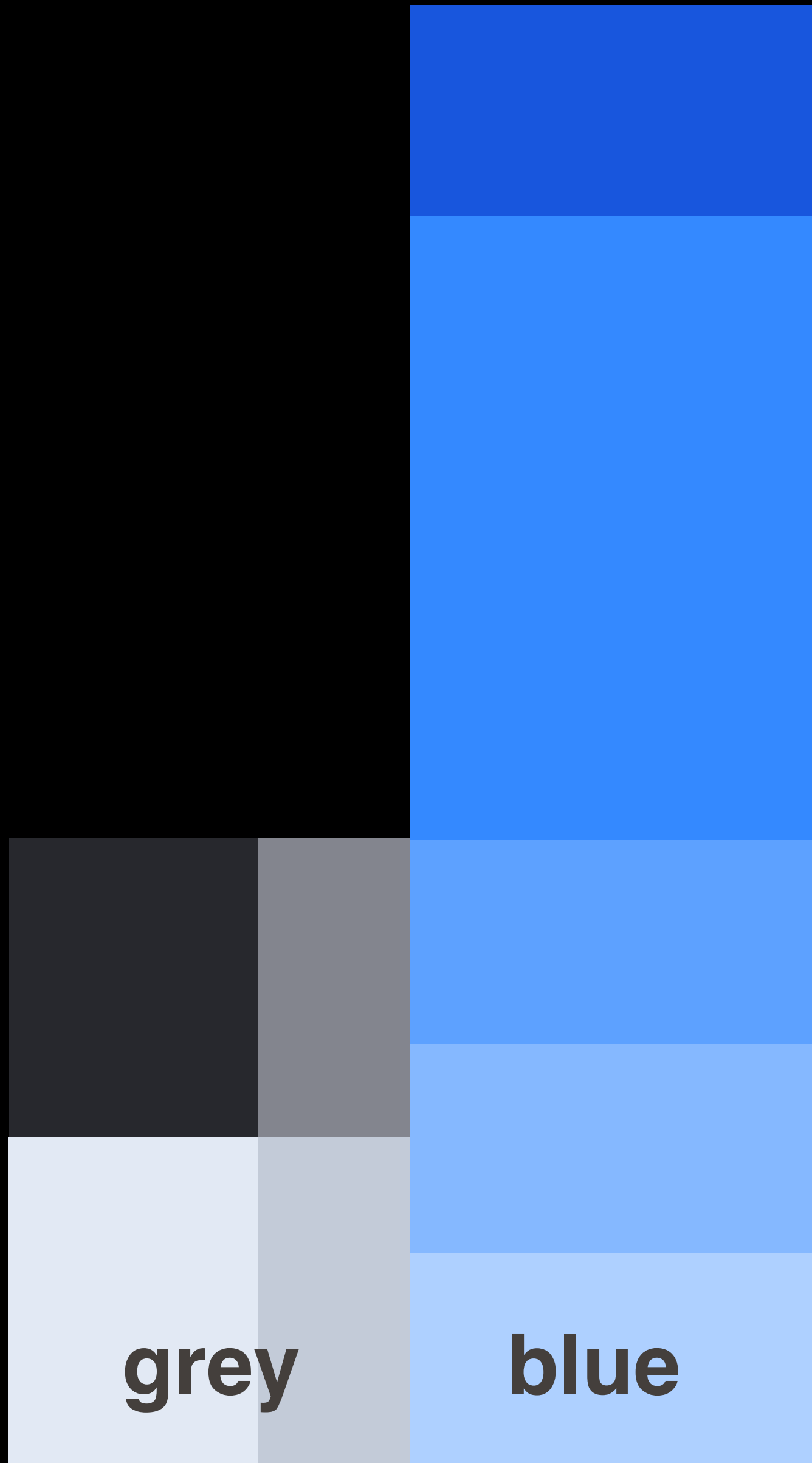
Speaking

Laura's Lens

A reading list of articles and other links I use to inform my work at [Small Technology Foundation](#), aiming for every weekday. Continued from the [Ind.ie Radar](#), and [Ind.ie's Weekly Roundups](#). [Subscribe to the Laura's Lens RSS feed](#).







Contrast

**Accessible colour palettes
are all about pairs.**

Text

Text

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Contrast

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Contrast

Contrast

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Text	Text	Text	
Text	Text	Text	Text
Text	Text	Text	Text
Text	Text	Text	Text
Text	Text	Text	Text

Text	Text	Text	Text
Text	Text	Text	Text
Text	Text	Text	

Contrast

Text	Text		
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Text	Text	Text	Text

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Text	Text	Text	Text
Text	Text	Text	

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Statecharts are a visual language used to describe

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blue

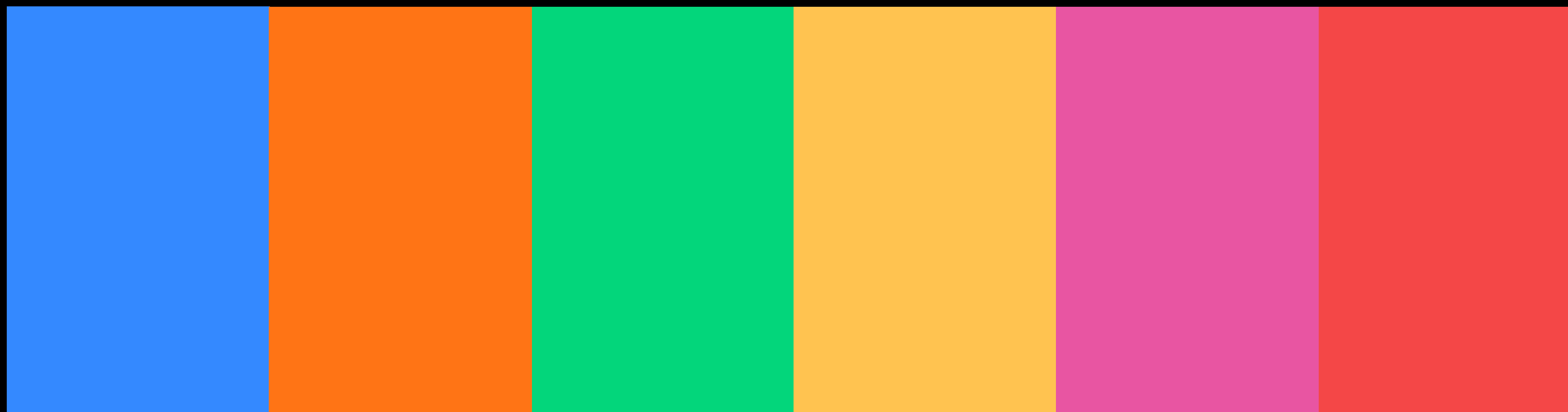
orange

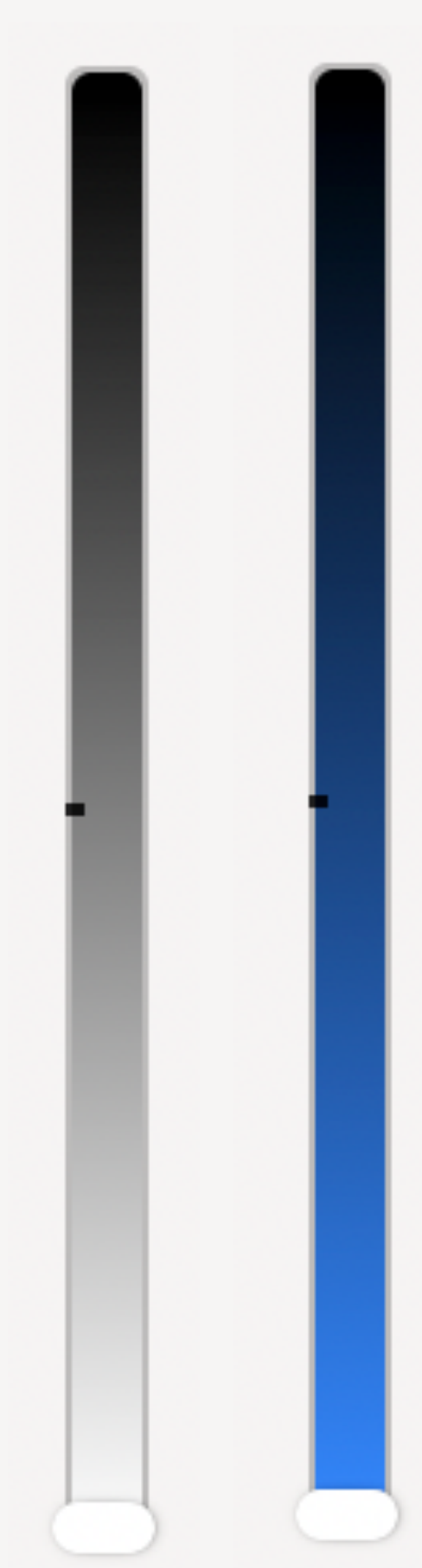
green

yellow

pink

red





Red 128

Green 128

Blue 128

Cyan 15%

Magenta 15%

Yellow 15%

Black 15%

Hue 180°

Saturation 50%

Brightness 50%

Uniformity

css.land/lch/

LCH Colour Picker IMPORT...

LIGHTNESS (0-100)

CHROMA (0-132)

HUE (0-360)

ALPHA (0-100)

CSS COLOR

`lch(63% 77 53)`

sRGB COLOR

`rgb(93.95% 44.87% 15.28%)`

▶ ADVANCED

[What is LCH?](#) Made by [Lea Verou](#) with [Mavo](#). Conversion logic by [Chris Lilley](#). [Code on Github](#).

blue

orange

green

yellow

pink

hue
276°

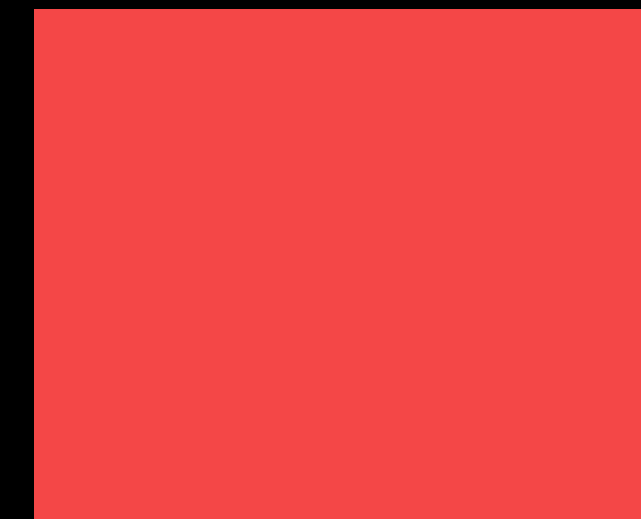
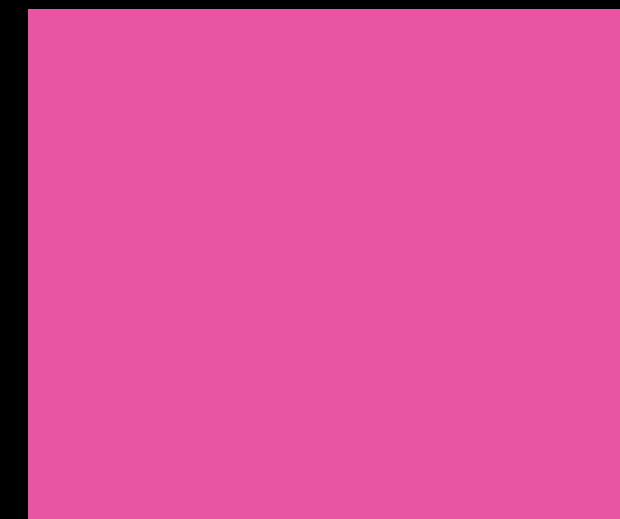
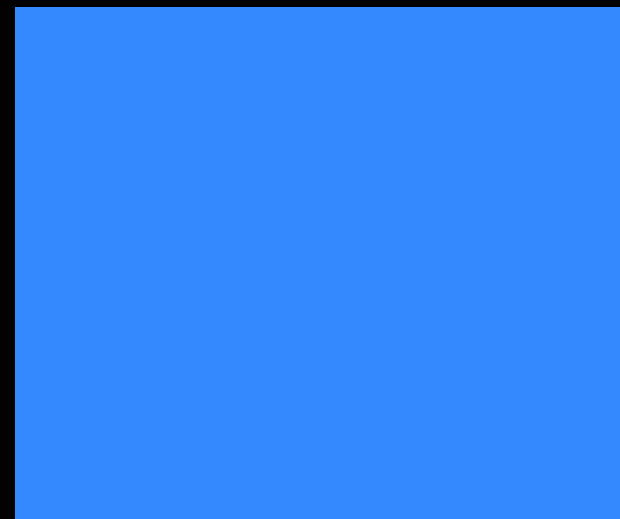
hue
54°

hue
152°

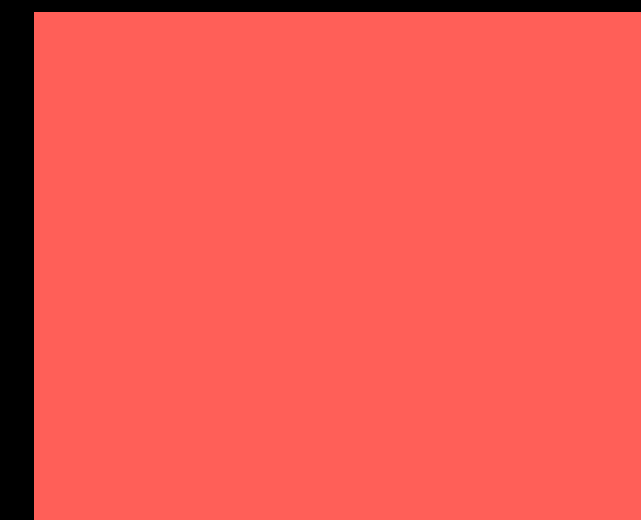
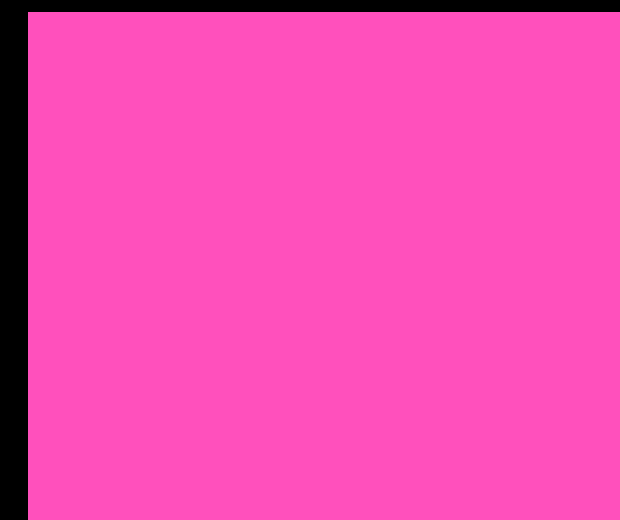
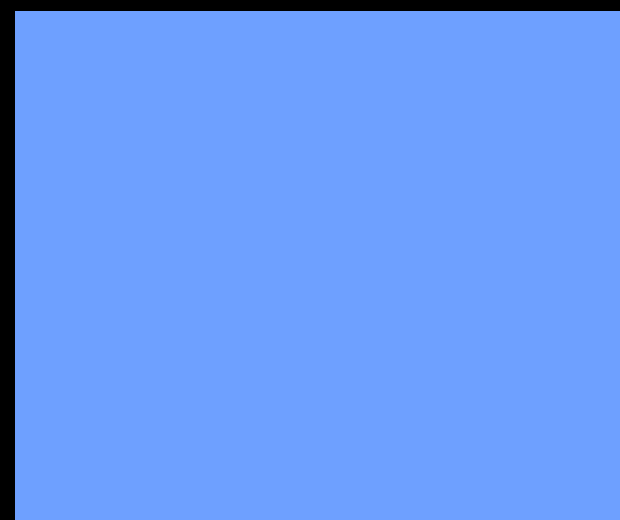
hue
77°

hue
350°

hue
32°

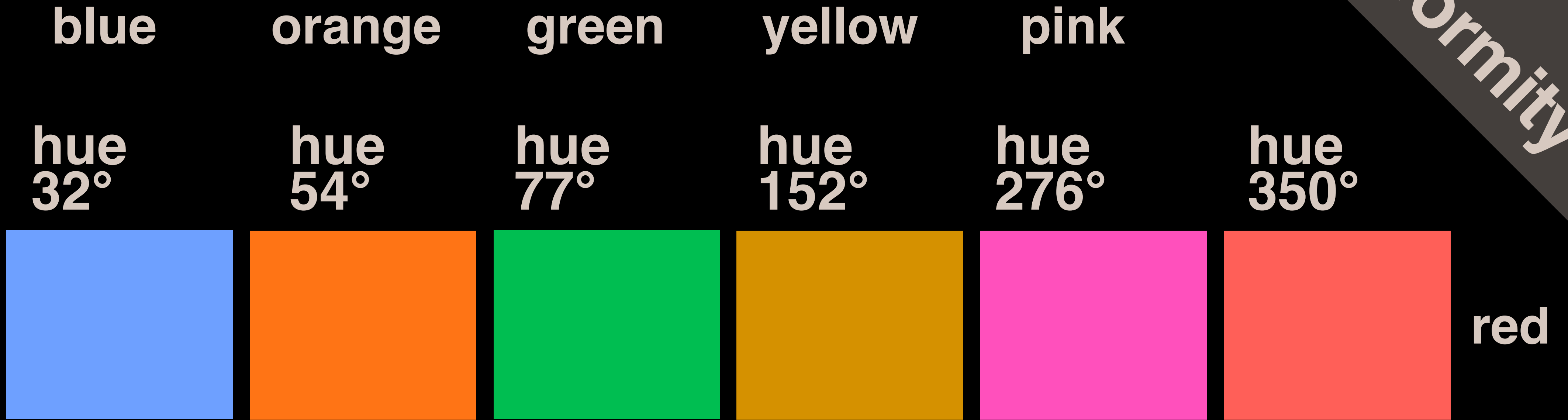


red



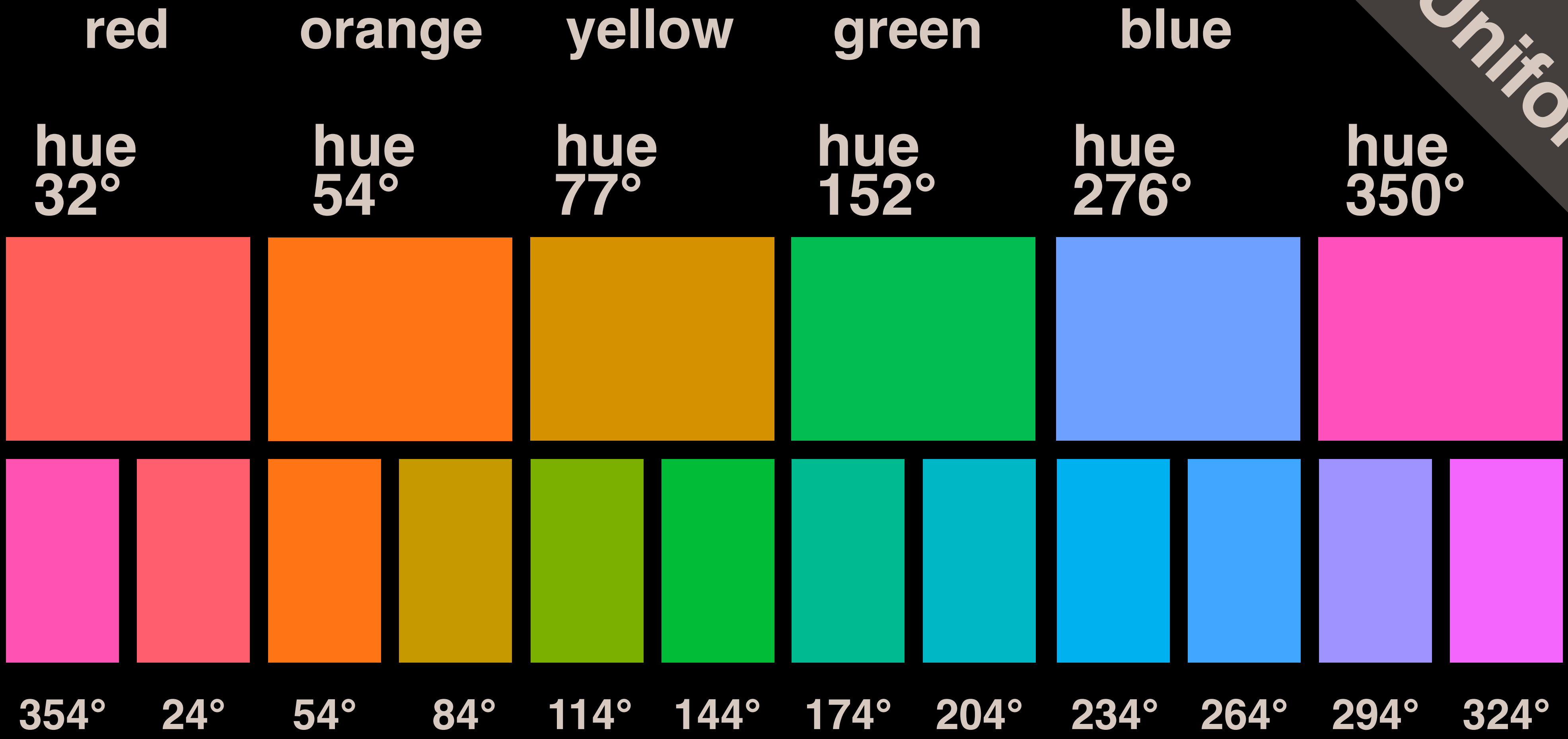
lightness 66%
chroma 86

Uniformity



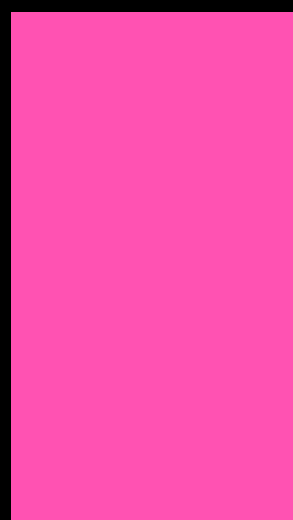
lightness 66%
chroma 86

Uniformity



Uniformity

Uniformity



354°

pink



54°

orange



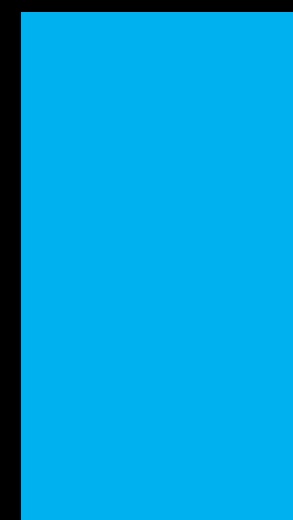
114°

yellow



174°

green



234°

blue

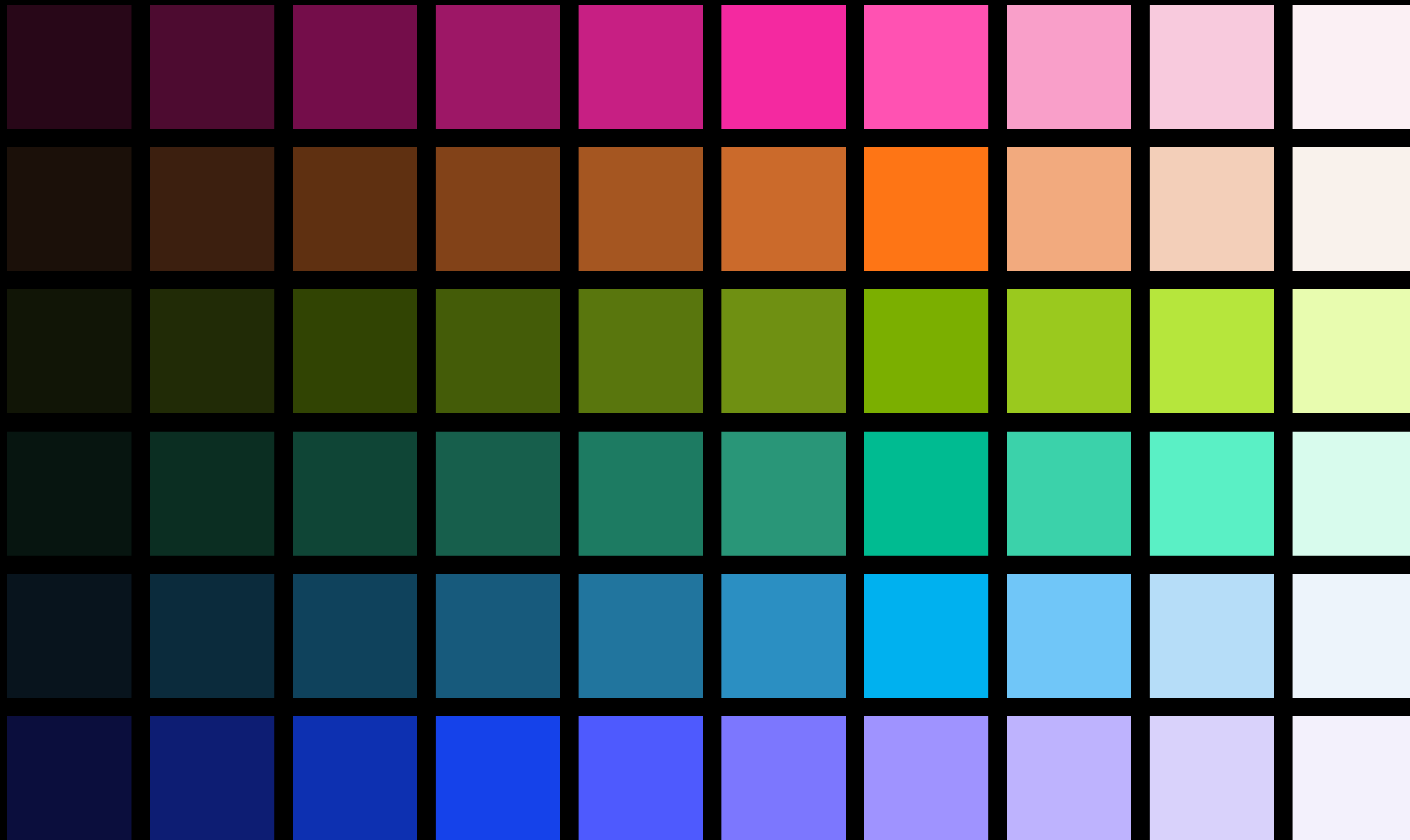


294°

purple

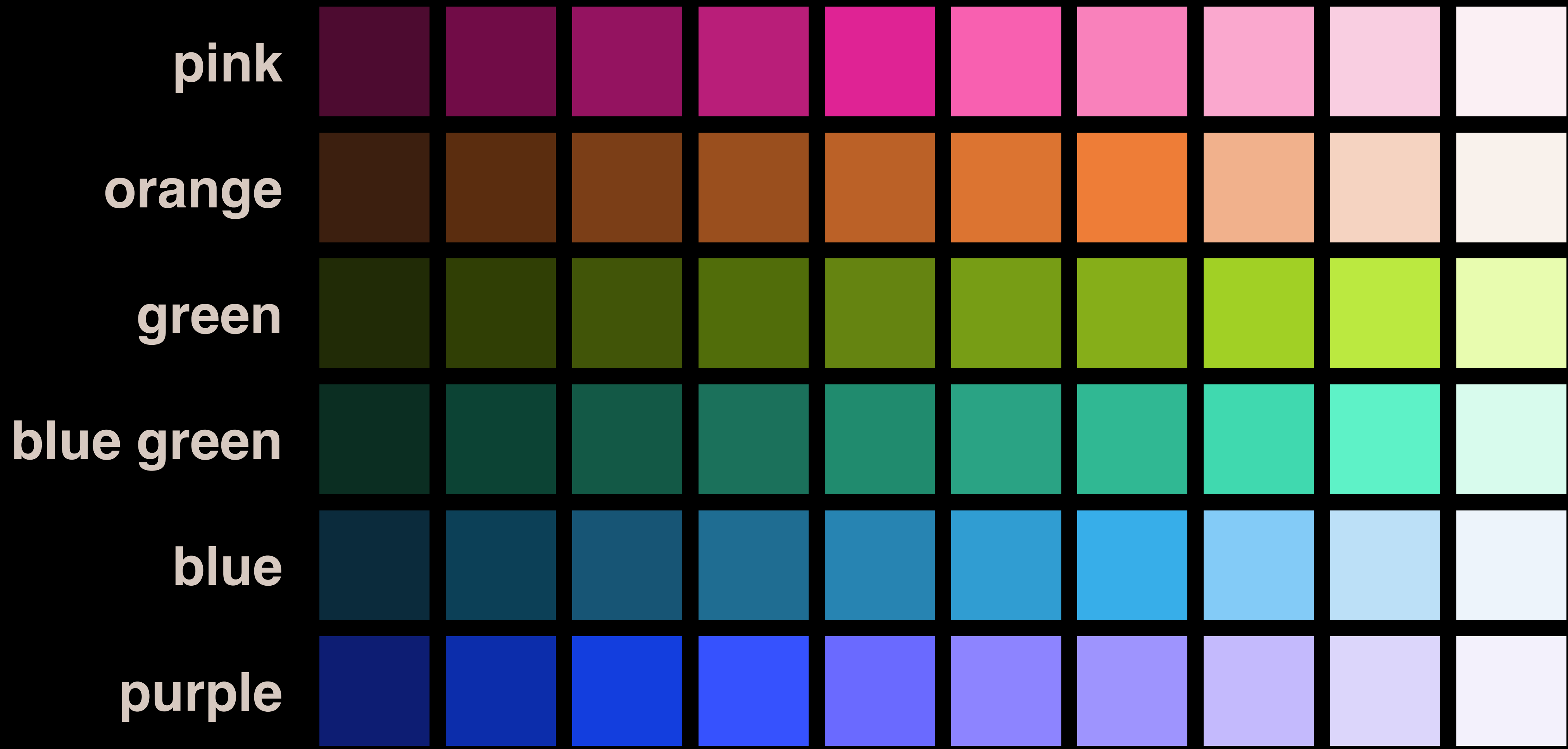
Lightness

pink
orange
green
blue green
blue
purple



Uniformity

Don't start at black

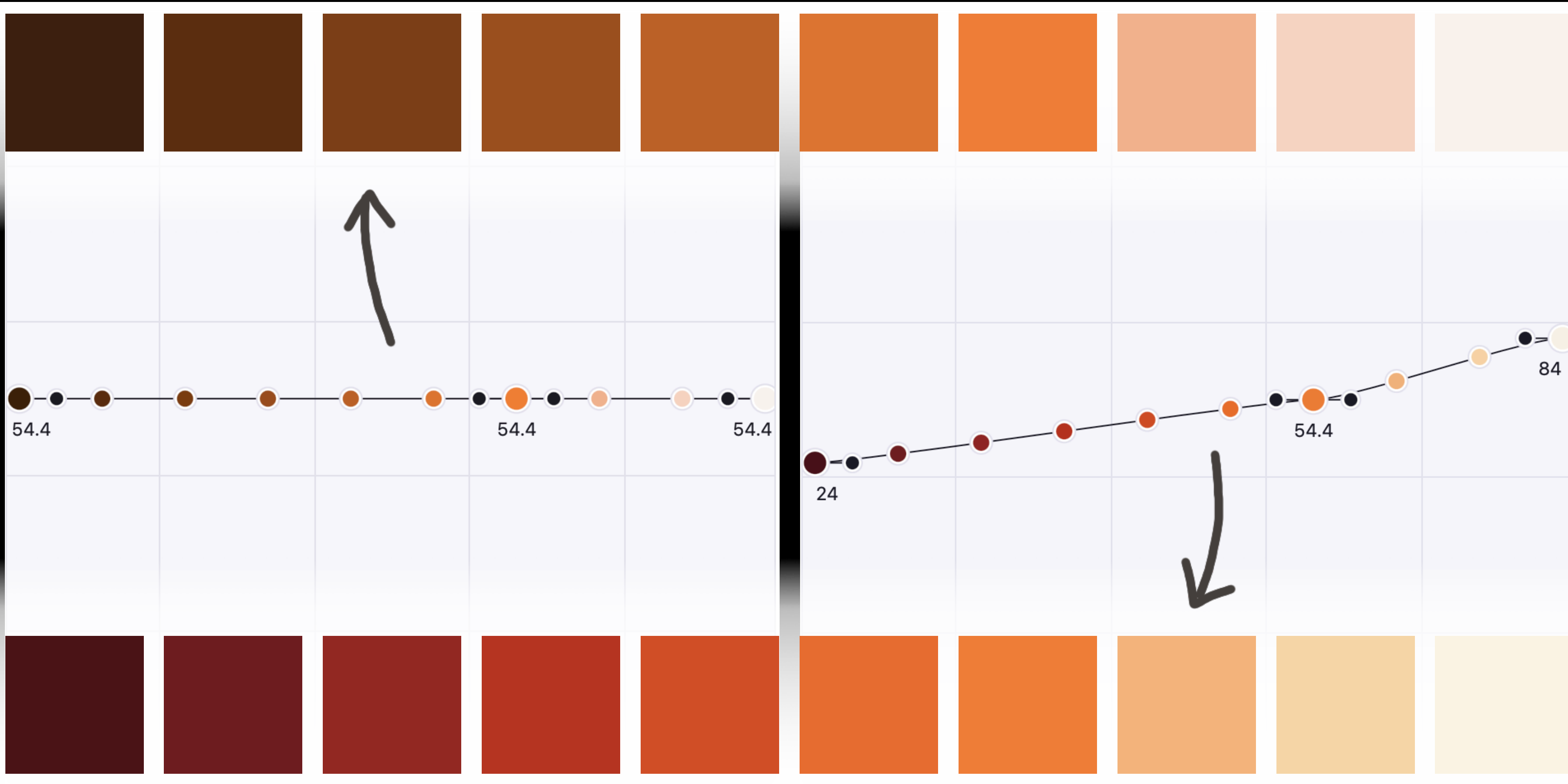


Uniformity

Rotate hues for more vibrancy

Vibrancy

orange

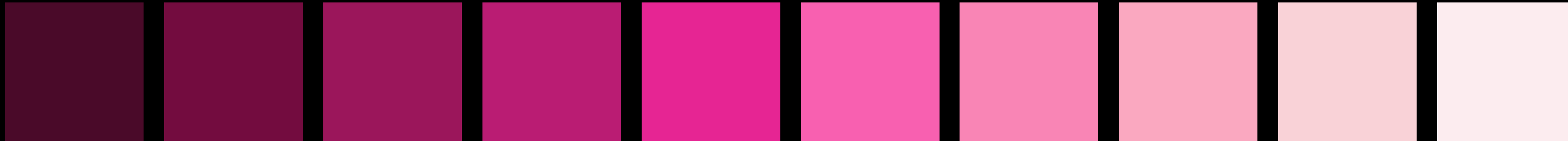


orange

Rotate hues for more vibrancy

Vibrancy

pink



orange



green



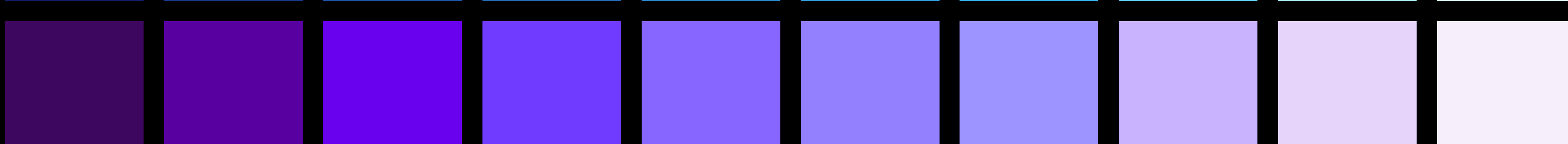
blue green



blue

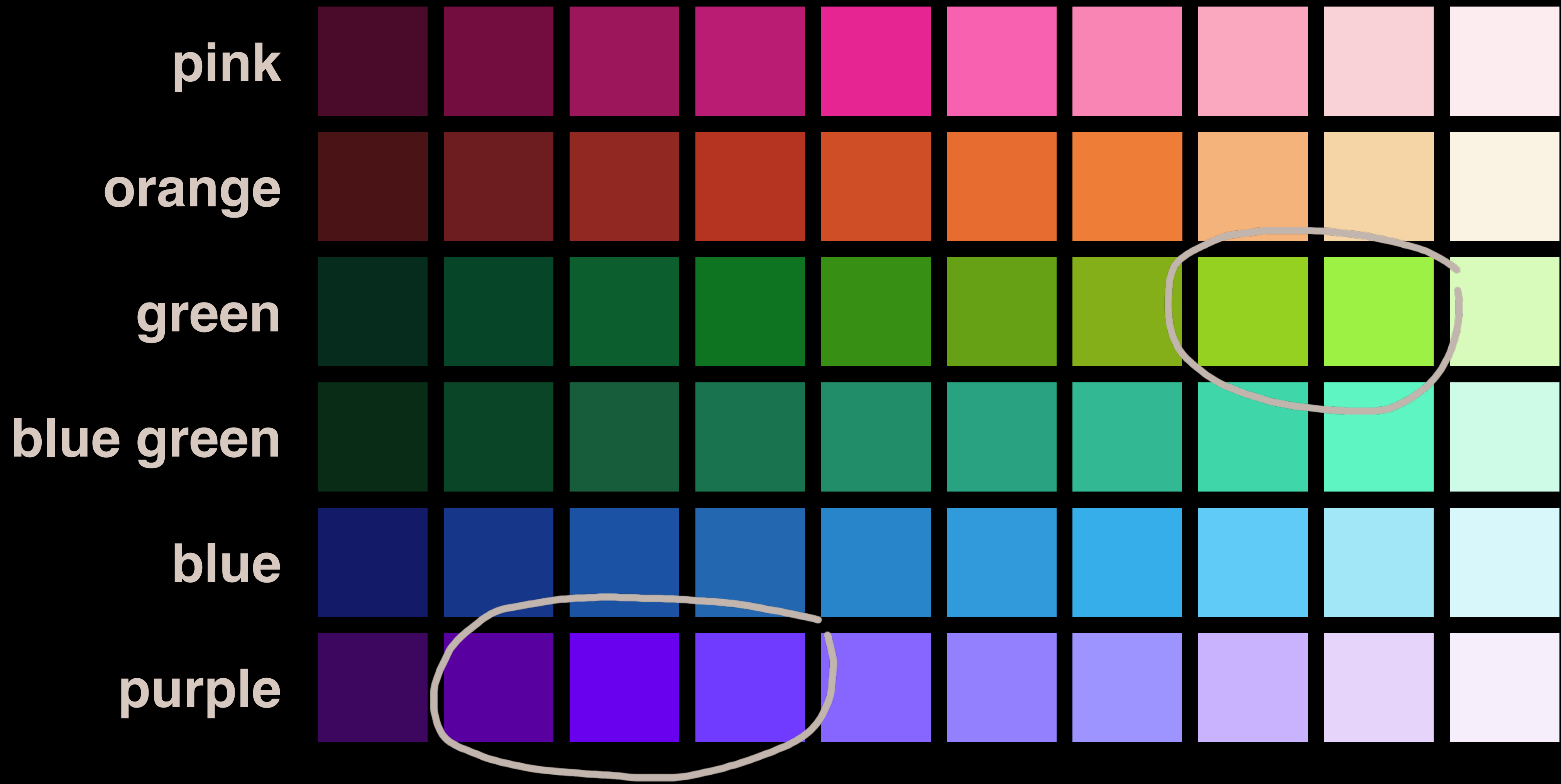


purple



**Designers are usually better
than automated tools.**

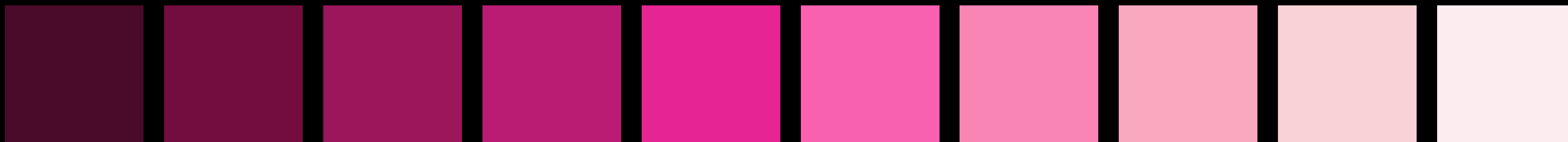
Tweak the standouts



Uniformity

Tweak the standouts

pink



orange



green



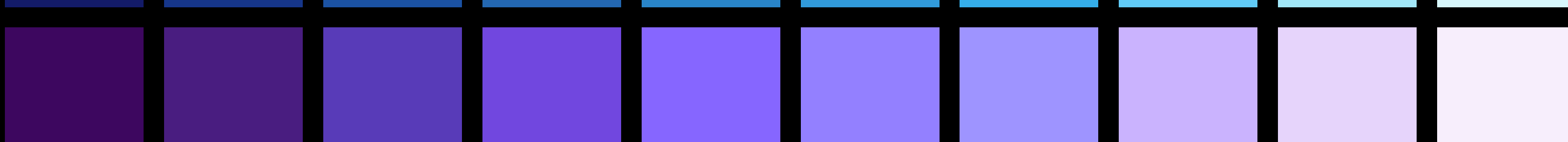
blue green



blue



purple



Uniformity

Stately ▾

7 color families • Edited a few seconds ago



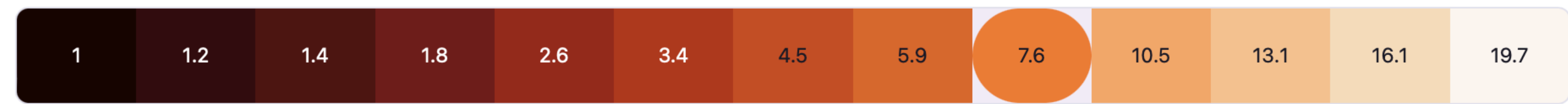
WCAG contrast ⓘ

Black White

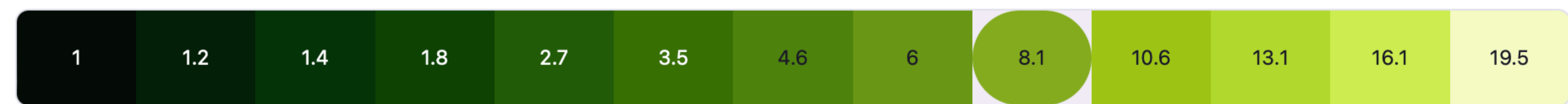
Pink ▾



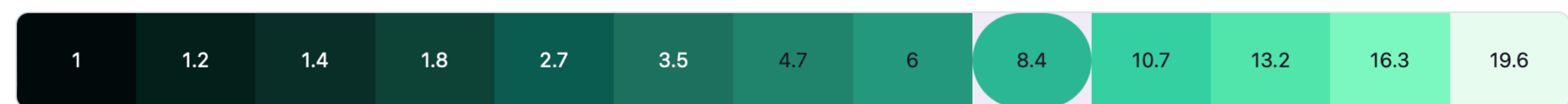
Orange ▾



Green ▾



Jade ▾



Blue ▾



Violet ▾

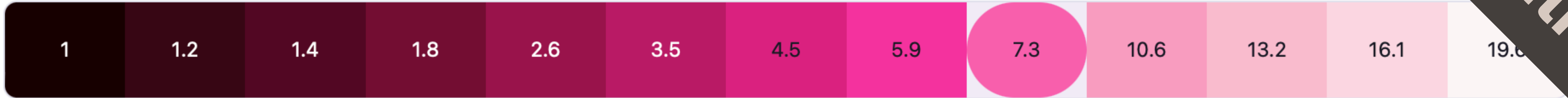
Contrast

WCAG contrast ⓘ

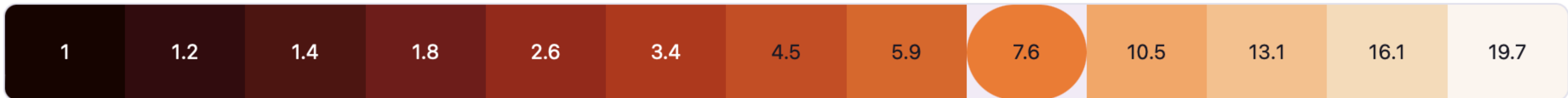
4.5

Contrast

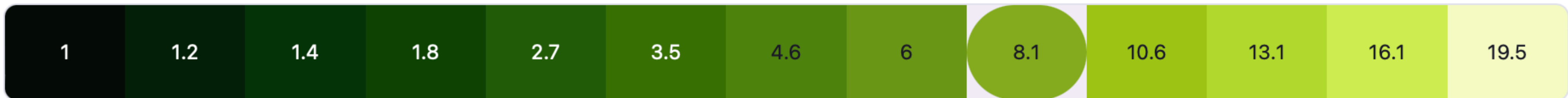
Pink ▾



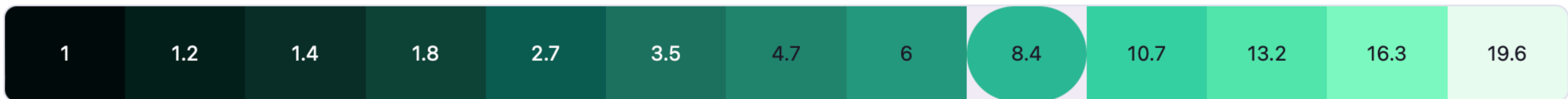
Orange ▾



Green ▾



Jade ▾



Blue ▾

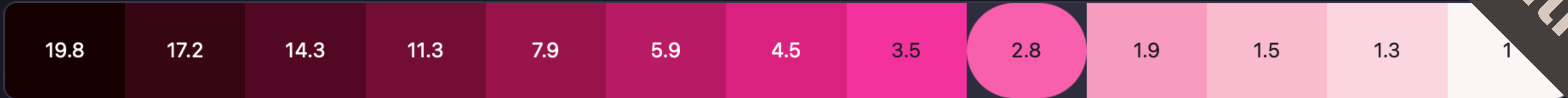


WCAG contrast ⓘ

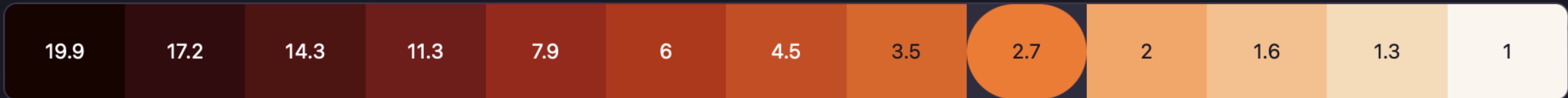
4.5

Contrast

Pink ▾



Orange ▾



Green ▾



Jade ▾



Blue ▾



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What is a statechart?

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What is a statechart?

Inverting light mode for dark mode is a fallback at best.

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with XState these are also a much better way to describe the logic of your

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**Light and dark modes are not
aesthetic preferences.**

**Light and dark modes are
accessibility preferences.**

```
98  /* My new colours */
99  :root {
100     /* Pink */
101     --st-pink-900: #190303;
102     --st-pink-800: #380914;
103     --st-pink-700: #550c23;
104     --st-pink-600: #740d35;
105     --st-pink-500: #9c164f;
106     --st-pink-400: #f861b0;
107     --st-pink-300: #fa9cc2;
108     --st-pink-200: #f9bdd0;
109     --st-pink-100: #fadae1;
110     --st-pink-50: #fcf6f7;
111
112     /* Orange */
113     --st-orange-900: #160404;
114     --st-orange-800: #350e0f;
115     --st-orange-700: #511516;
116     --st-orange-600: #6f1c1a;
117     --st-orange-500: #96291d;
118     --st-orange-400: #ee7e37;
119     --st-orange-300: #f2a76c;
120     --st-orande-200: #f4c492;
```

```
159
160  /* Violet */
161  --st-violet-900: #15021b;
162  --st-violet-800: #300643;
163  --st-violet-700: #480a63;
164  --st-violet-600: #58157f;
165  --st-violet-500: #7b00d6;
166  --st-violet-400: #9e94ff;
167  --st-violet-300: #c0aeff;
168  --st-violet-200: #d7c5fc;
169  --st-violet-100: #e9defb;
170  --st-violet-50: #f8f7fd;
171
172  /* Gray */
173  --st-gray-900: #050A11;
174  --st-gray-800: #151C26;
175  --st-gray-700: #242C38;
176  --st-gray-600: #333C4C;
177  --st-gray-500: #47536a;
178  --st-gray-400: #9a9cb8;
179  --st-gray-300: #b3b8d4;
180  --st-gray-200: #c7cde4;
181  --st-gray-100: #e2e9f4;
```

src > css > # custom.css > :root

```
98  /* My new colours */
99  :root {
100     /* Pink */
101     --st-pink-900: #190303;
102     --st-pink-800: #380914;
103     --st-pink-700: #550c23;
104     --st-pink-600: #740d35;
105     --st-pink-500: #9c164f;
106     --st-pink-400: #f861b0;
107     --st-pink-300: #fa9cc2;
108     --st-pink-200: #f9bdd0;
109     --st-pink-100: #fadae1;
110     --st-pink-50: #fcf6f7;
111
112     /* Orange */
113     --st-orange-900: #160404;
114     --st-orange-800: #350e0f;
115     --st-orange-700: #511516;
116     --st-orange-600: #6f1c1a;
117     --st-orange-500: #96291d;
118     --st-orange-400: #ee7e37;
119     --st-orange-300: #f29760;
```

src > css > # custom.css > :root

```
159
160  /* Violet */
161  --st-violet-900: #15021b;
162  --st-violet-800: #300643;
163  --st-violet-700: #480a63;
164  --st-violet-600: #58157f;
165  --st-violet-500: #7b00d6;
166  --st-violet-400: #9e94ff;
167  --st-violet-300: #c0aeff;
168  --st-violet-200: #d7c5fc;
169  --st-violet-100: #e9defb;
170  --st-violet-50: #f8f7fd;
171
172  /* Gray */
173  --st-gray-900: #050A11;
174  --st-gray-800: #151C26;
175  --st-gray-700: #242C38;
176  --st-gray-600: #333C4C;
177  --st-gray-500: #47536a;
178  --st-gray-400: #9a9cb8;
179  --st-gray-300: #b3b8d4;
180  --st-gray-200: #c7cde4;
```

```
98 /* My new colours */
99 :root {
100 /* second accent */
101 --st-accent-second-900: #190303;
102 --st-accent-second-800: #380914;
103 --st-accent-second-700: #550c23;
104 --st-accent-second-600: #740d35;
105 --st-accent-second-500: #9c164f;
106 --st-accent-second-400: #f861b0;
107 --st-accent-second-300: #fa9cc2;
108 --st-accent-second-200: #f9bdd0;
109 --st-accent-second-100: #fadae1;
110 --st-accent-second-50: #fcf6f7;
111
112 /* first accent */
113 --st-accent-first-900: #160404;
114 --st-accent-first-800: #350e0f;
115 --st-accent-first-700: #511516;
116 --st-accent-first-600: #6f1c1a;
117 --st-accent-first-500: #96291d;
118 --st-accent-first-400: #ee7e37;
119 --st-accent-first-300: #f2a76c;
120 --st-accent-first-200: #f4c492;
```

You, 5 days ago

```
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```

```
/* fourth accent */
--st-accent-fourth-900: #15021b;
--st-accent-fourth-800: #300643;
--st-accent-fourth-700: #480a63;
--st-accent-fourth-600: #58157f;
--st-accent-fourth-500: #7b00d6;
--st-accent-fourth-400: #9e94ff;
--st-accent-fourth-300: #c0aeff;
--st-accent-fourth-200: #d7c5fc;
--st-accent-fourth-100: #e9defb;
--st-accent-fourth-50: #f8f7fd;

/* primary */
--st-primary-900: #050A11;
--st-primary-800: #151C26;
--st-primary-700: #242C38;
--st-primary-600: #333C4C;
--st-primary-500: #47536a;
--st-primary-400: #9a9cb8;
--st-primary-300: #b3b8d4;
--st-primary-200: #c7cde4;
--st-primary-100: #e2e9f4;
```

sea foam?

**Communication and
documentation is key.**

Small Technology

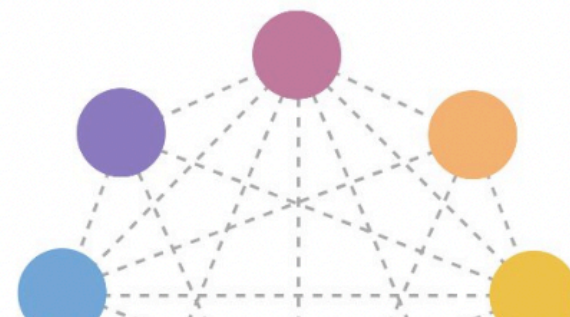
Small Technology is everyday tools for everyday people designed to increase human welfare, not corporate profits.

Small Tech is...



[Learn more about Small Technology.](#)

Small Web

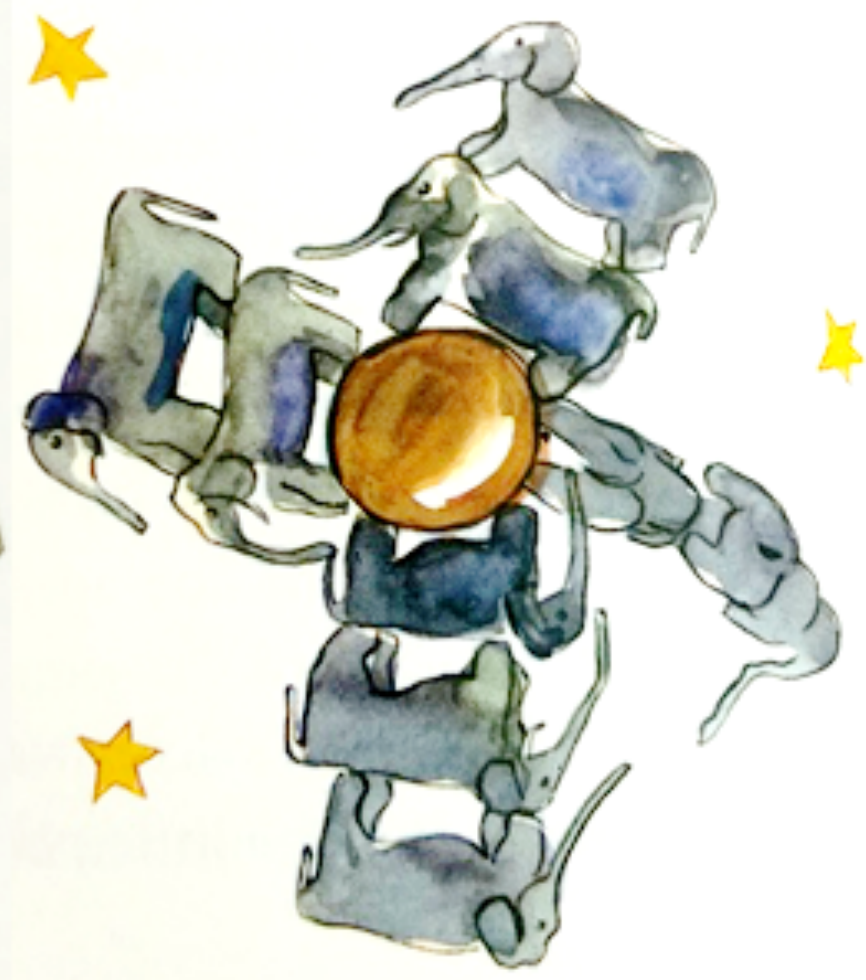
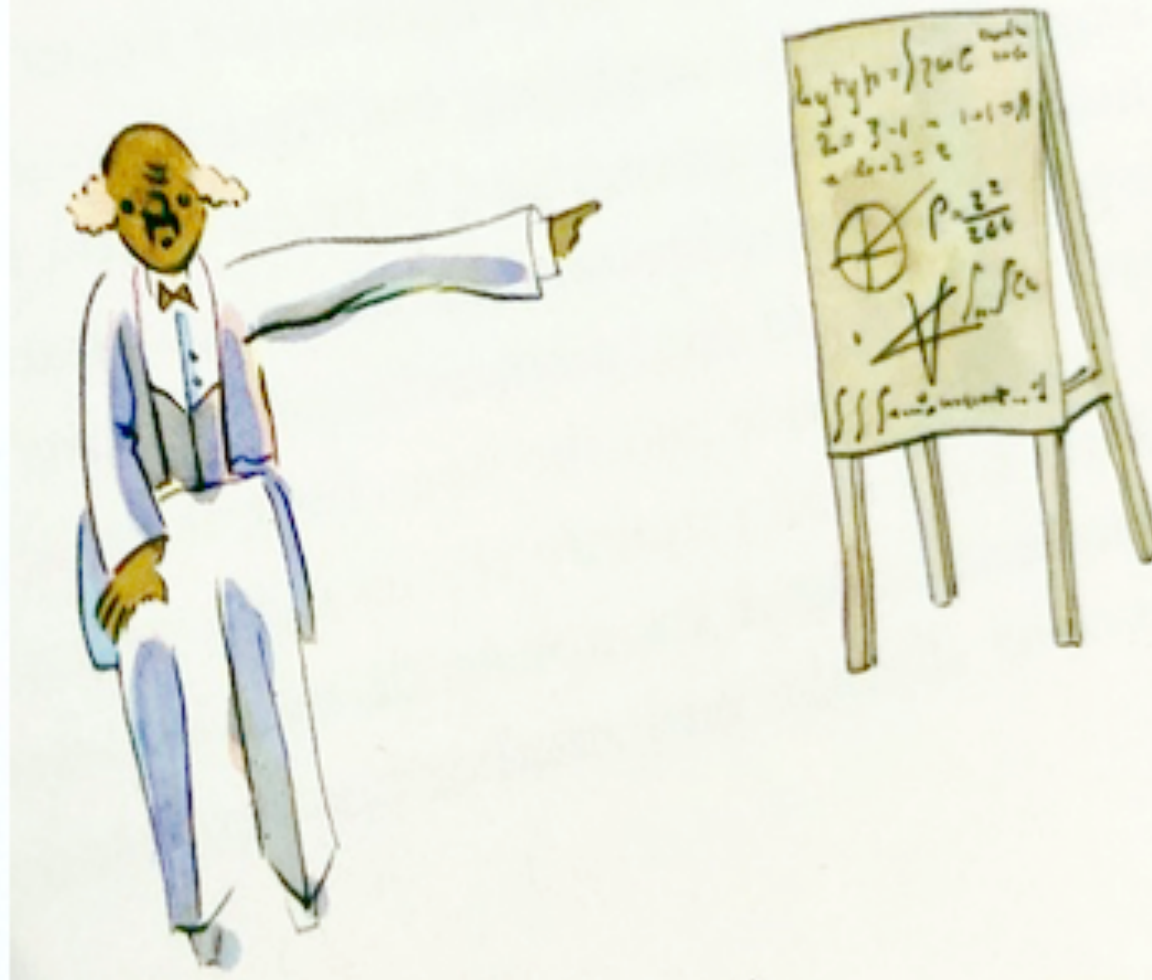
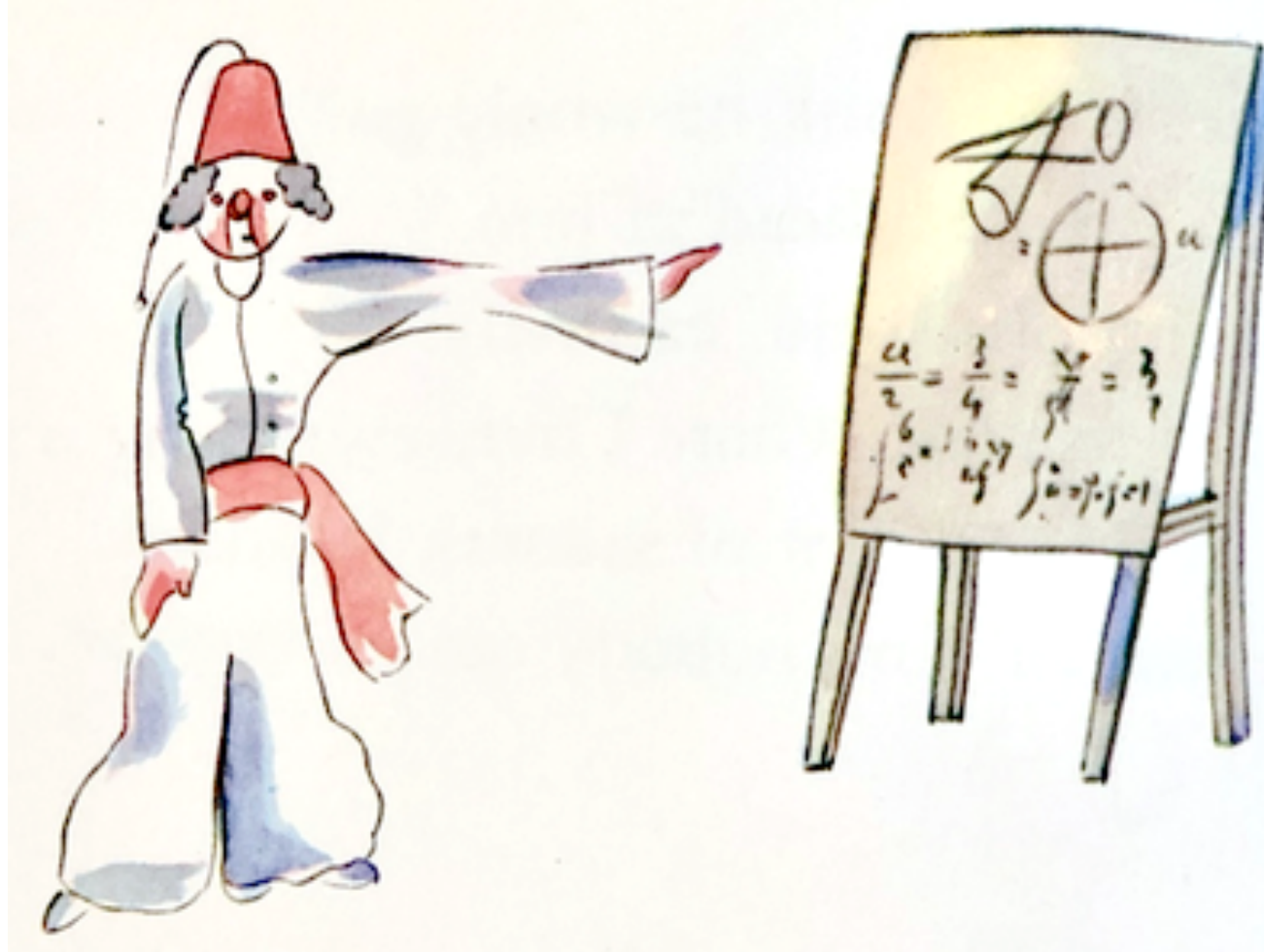


The Little Prince
Antoine de Saint Exupéry





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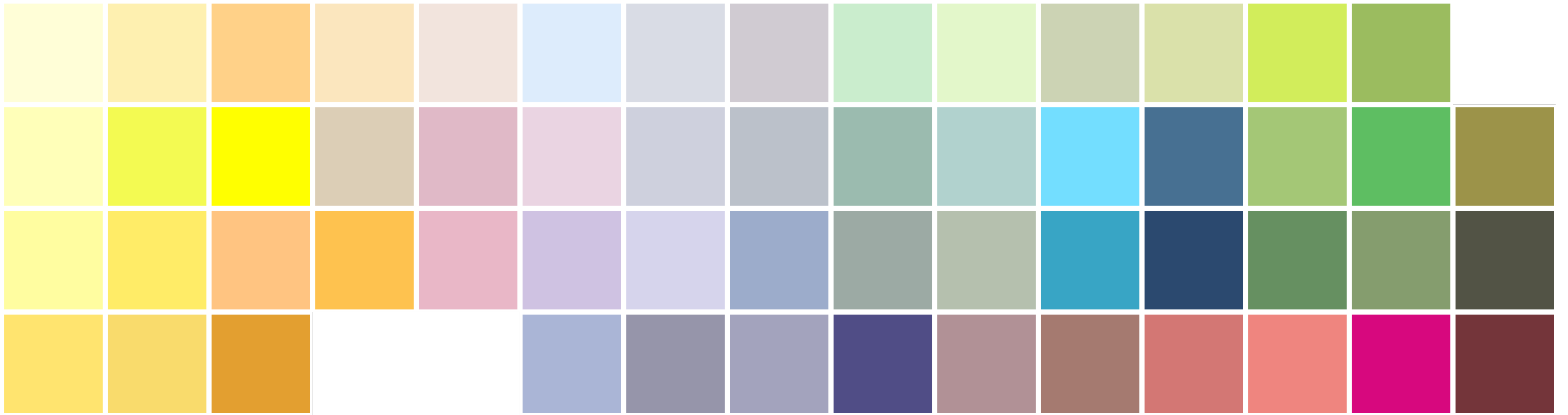
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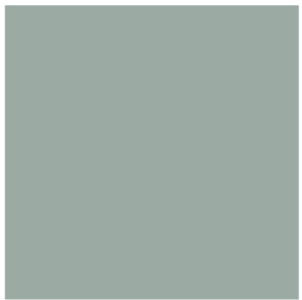
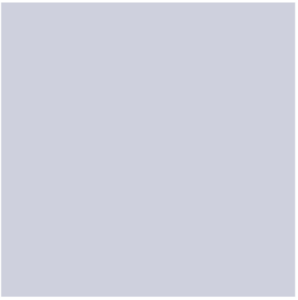


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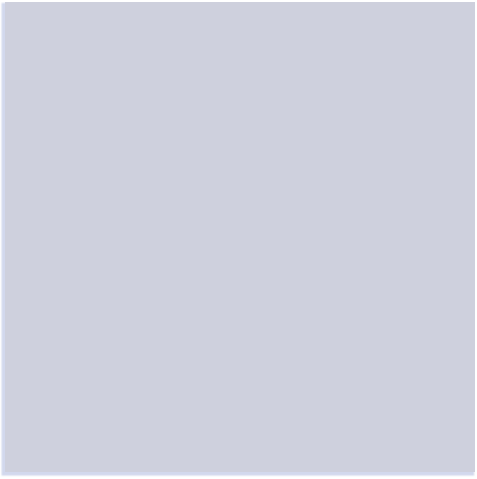
yellow

orange

**pink
red**

blue

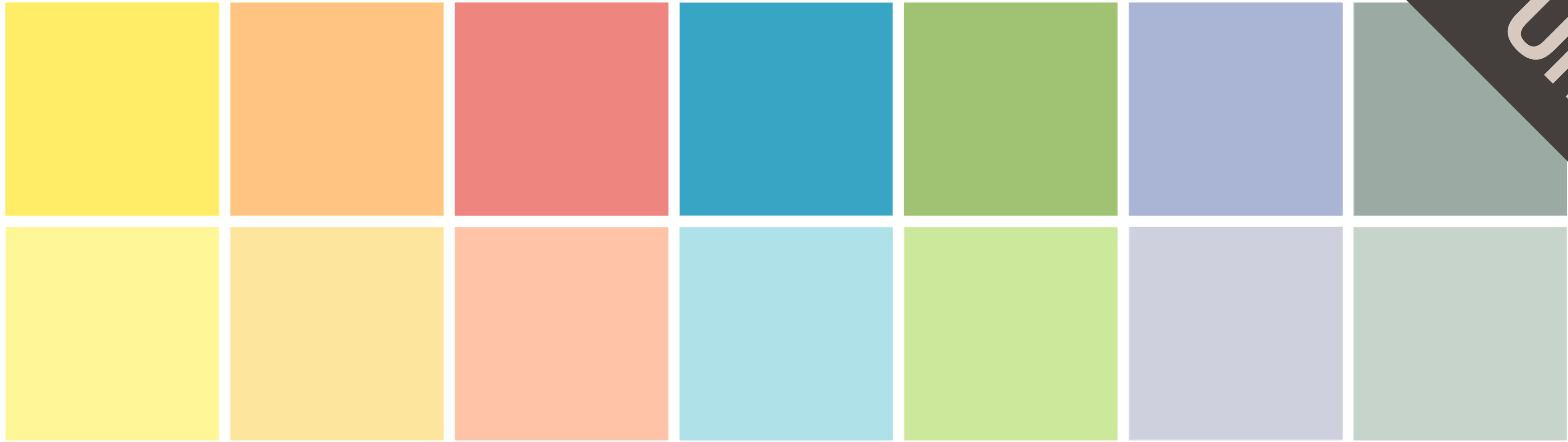
green



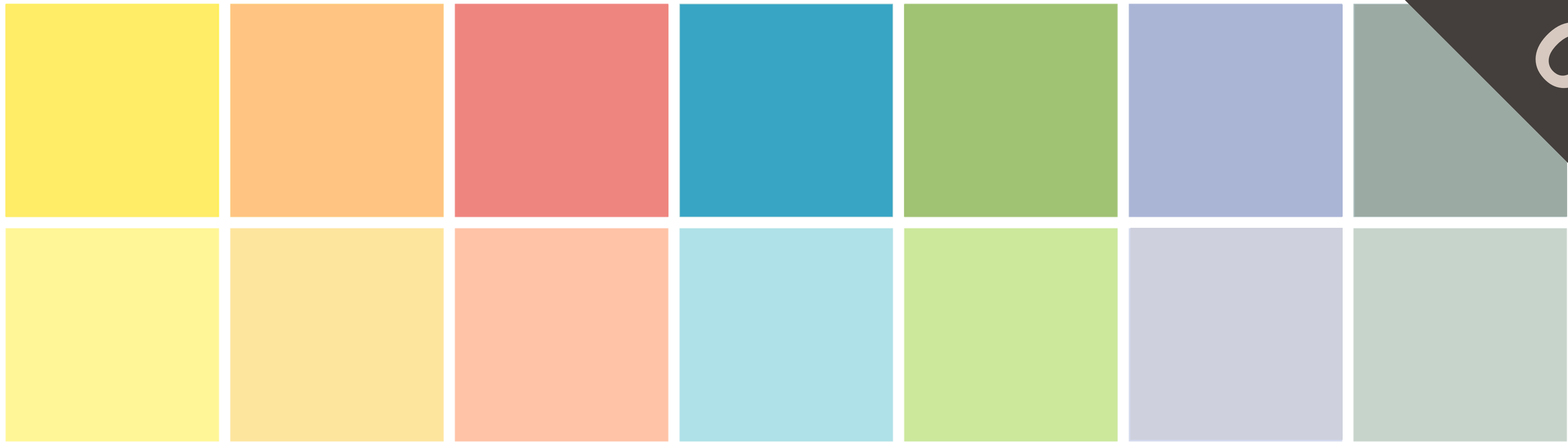
lilac

grey





yellow orange pink blue green lilac grey
red



yellow orange pink blue green lilac grey
red

yellow orange pink
red blue green lilac grey

Bb Bb Bb Bb Bb Bb Bb



Anto



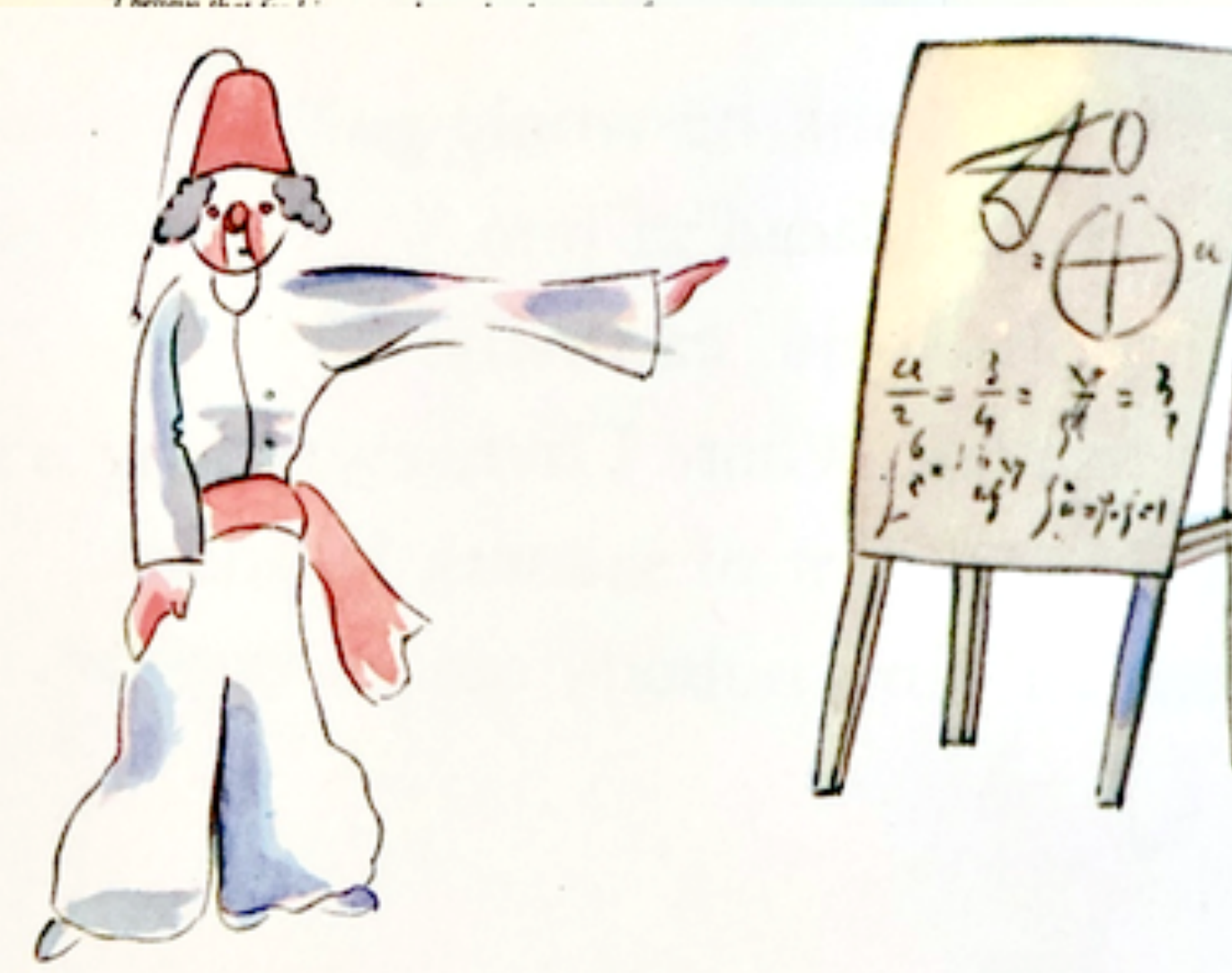
Small Technology

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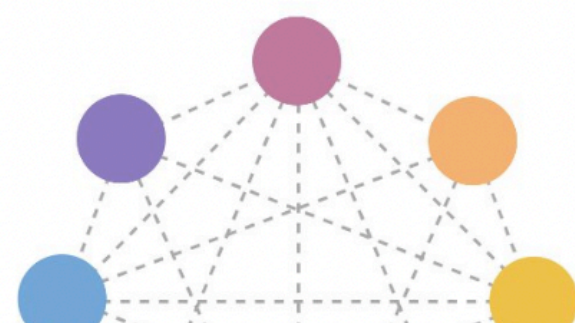
easy to use	personal
private by default	share alike
peer to peer	interoperable
zero knowledge	non-commercial
non-colonial	inclusive

[Learn more about Small Technology.](#)



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Small Web





www.canva.com/colors/color-palette-generator/

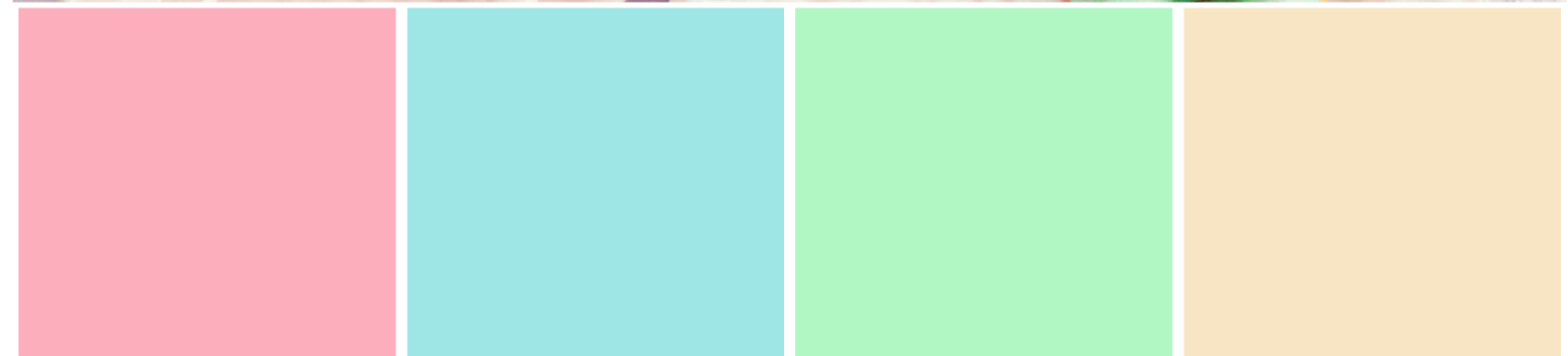


The easiest place to get colors from your photos

Want a color scheme that perfectly matches your favorite images? With Canva's color palette generator, you can create color combinations in seconds. Simply upload a photo, and we'll use the hues in the photo to create your palette.

Upload an image

Try demo image



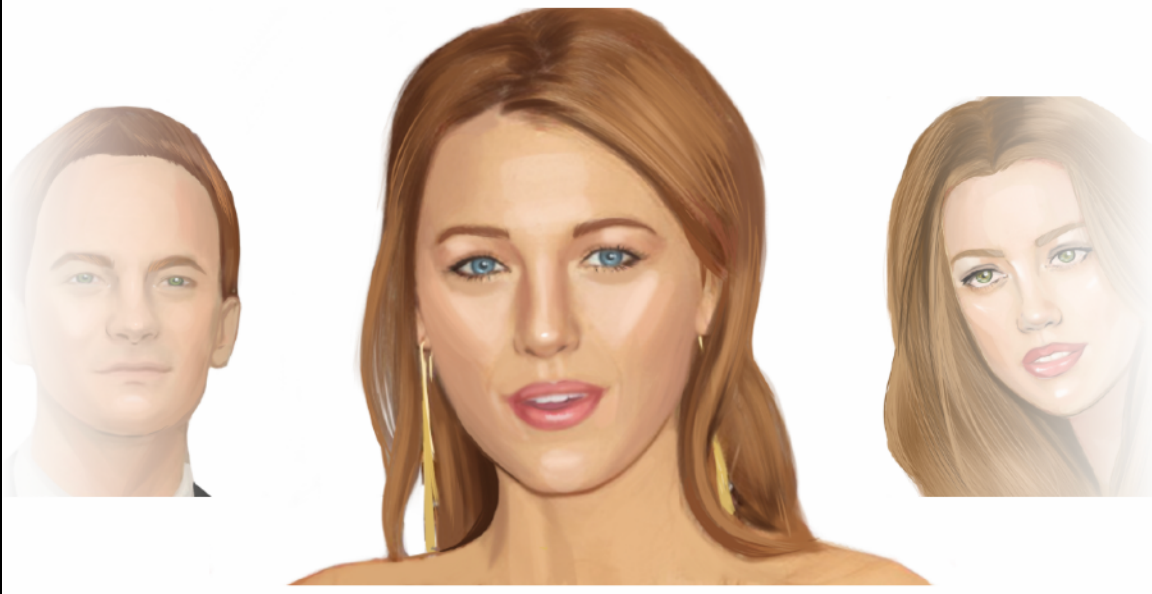
Hot Pink
#FFAEB3

Tiffany Blue
#A0E7E5

Mint
#B4F8C8

Yellow
#FBE7C6

< Select your color type



Warm Spring



Classic Spring

The Warm Spring season is the *warmest* spring, needing warmth and clarity. Eyes can be blue, green, and warm hazel, and hair is often a heavy golden blonde, strawberry red or red.



Light Spring



The Light Spring's coloring is the *lightest* of all Springs. Hair is almost always naturally blonde or

< Select your color type



Cool Summer



Classic Summer

The Cool Summers are the *coolest, most saturated* of all of the summer seasons. Their eyes are most often blue but grey-blue and grey-green can be found. Hair can range from cool ashy blonde to deep ashy brunette.



Soft Summer



The Soft Summer is a cold season that it is primarily

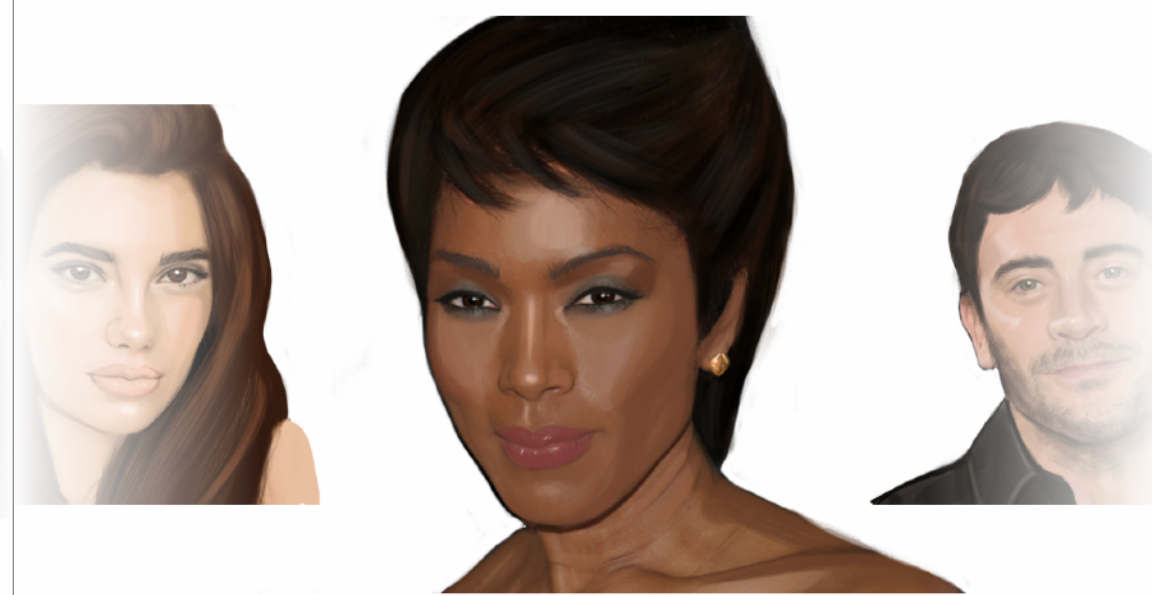
< Select your color type



Soft Autumn



The Soft Autumn is the *lightest, subtlest, gentlest* Autumn tone. You have a "mousy" - mix of warm and cool - coloring like Soft Summers have but with golden skin undertone and reddish highlights in your hair. Your eyes: golden blue, grayish green, hazel, light brown.



Deep Autumn



The Deep Autumn has the *depth* of a Winter with the

< Select your color type



Deep Winter



The Deep Winter is the *darkest* Winter, with deep eyes and naturally dark hair. Eyes can be dark brown, almost black; dark blue, deep hazel. Naturally light hair or light eyes means Deep Winter is not your season.



Clear Winter

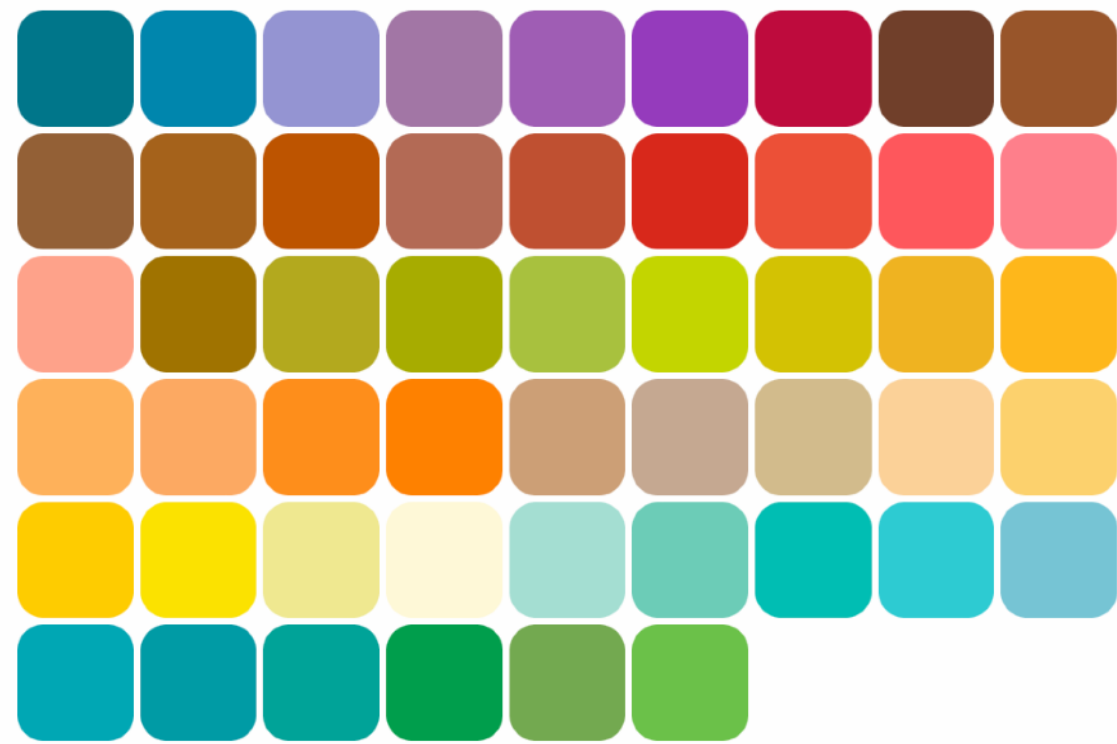


The Clear Winter sparkles with high-wattage shine. The *most saturated* of the Winter seasons, hair is

< Warm Spring Palettes
Classic Spring

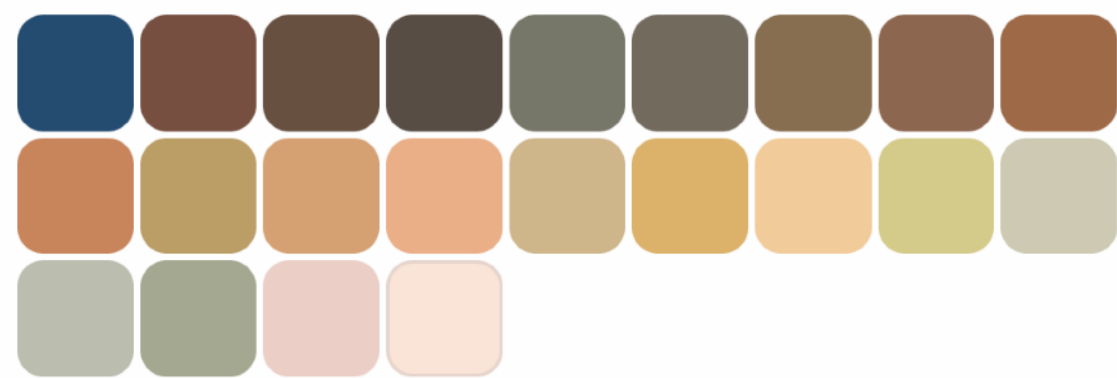
Best Colors >

The Warm Spring palette contains *warm* colors. Flattering shades include copper, peach, light golden brown, bright yellow and coral. There are lots of greens in your palette but all have yellow tones—nice choices are chartreuse and lime. Avoid cool shades of pink or red.



Neutral Colors >

Neutrals are great as *base* colors for you. Don't go overboard though, for Warm Springs it's very important to *avoid neutral-only* combinations.



< Cool Summer Palettes
Classic Summer

Best Colors >

The Cool Summer palette contains *soft* and *cool* colors. Blue is prominent in your palette, along with cool pink, aqua, lavender and a variety of greens. While you can wear cool browns like cocoa, avoid warmer brown shades. Black may also look harsh, but dark grey is a great alternative.



Neutral Colors >

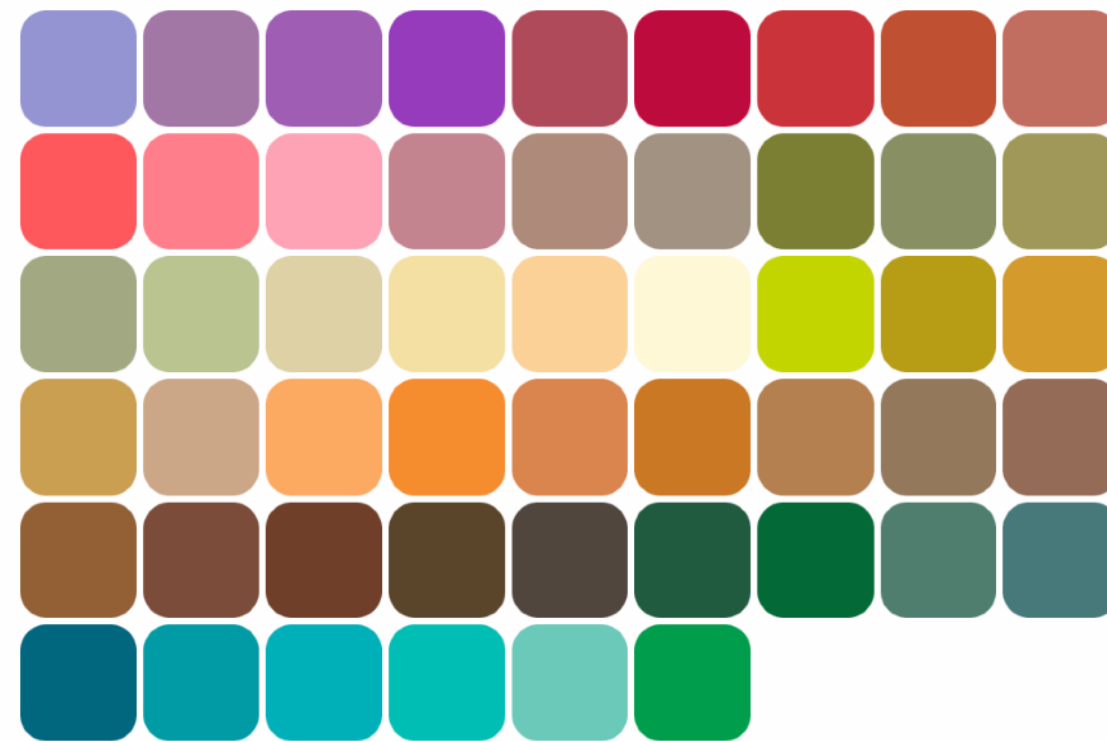
Neutrals are great as *base* colors for you. Due to the natural gentleness of your appearance, neutrals will never make you look washed out or boring. Don't be afraid to make heavy use of them in your outfits.



< Soft Autumn Palettes

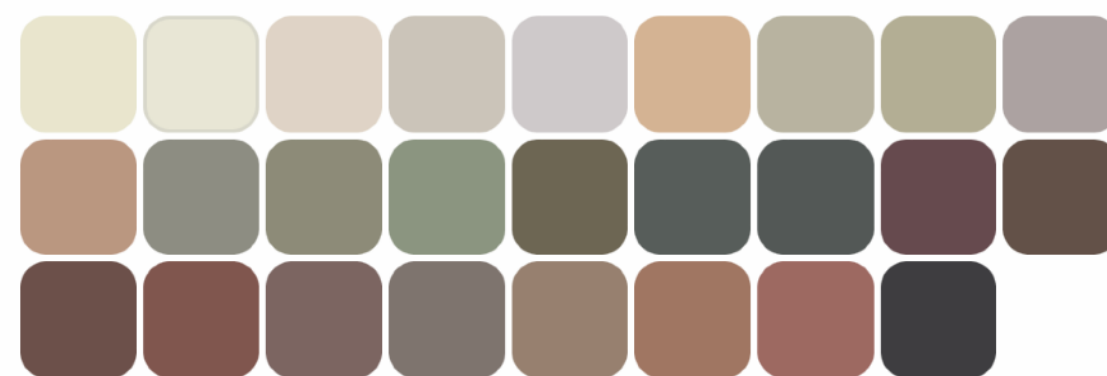
Best Colors >

The Soft Autumn palette contains *soft* and *warm-leaning* colors. However, because of your neutral coloring, you can also pull off cool shades. Avoid bright colors that can overpower your look.



Neutral Colors >

Neutrals are great as *base* colors for you. Make sure you select the appropriate colors based on your personal style, what makes you feel comfortable and what your fashion goals are.



< Deep Winter Palettes

Best Colors >

The Deep Winter palette contains *dark* and *vivid* colors. Black will be a staple of your wardrobe, as will navy and charcoal—traditional “corporate” shades make it easy to build a great core wardrobe. You can dress your looks up with a shot of hot pink or Chinese blue.



Neutral Colors >

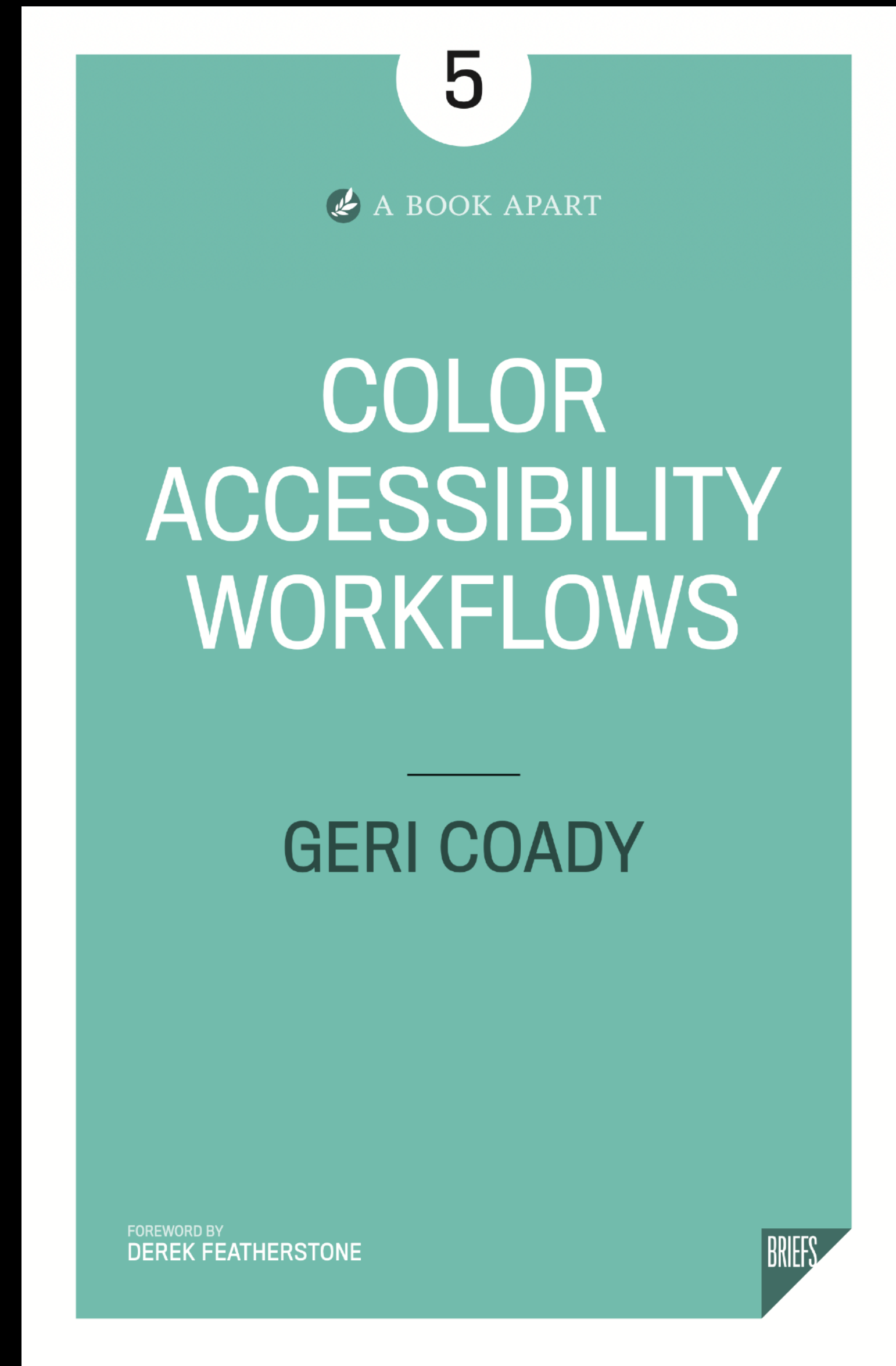
Neutrals are great as *base* colors for you. Make sure you select the appropriate colors based on your personal style, what makes you feel comfortable and what your fashion goals are.



Color Accessibility Workflows

by Geri Coady

<https://abookapart.com/products/color-accessibility-workflows>



Inclusive Design for a Digital World

by Regine M. Gilbert

[https://link.springer.com/book/
10.1007/978-1-4842-5016-7](https://link.springer.com/book/10.1007/978-1-4842-5016-7)



A11y Project

<https://www.a11yproject.com/resources/#colors>

Colors

These tools help you create, test for, and maintain accessible color contrast ratios.

COLORS

[a11y-contrast](#)

DAREK KAY

A CLI utility to calculate/verify accessible magic numbers for a color palette.

COLORS

[Accessibility Tester](#)

CONFRERE

Pick any color to generate an accessible palette.

COLORS

[Accessible color palette builder](#)

ATUL VARMA

An Elm-based prototype to help designers build accessible color palettes.

A11y Project

<https://www.a11yproject.com/resources/#colors>

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CONFRERE

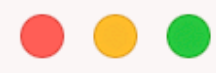
Pick any color to generate an accessible palette.

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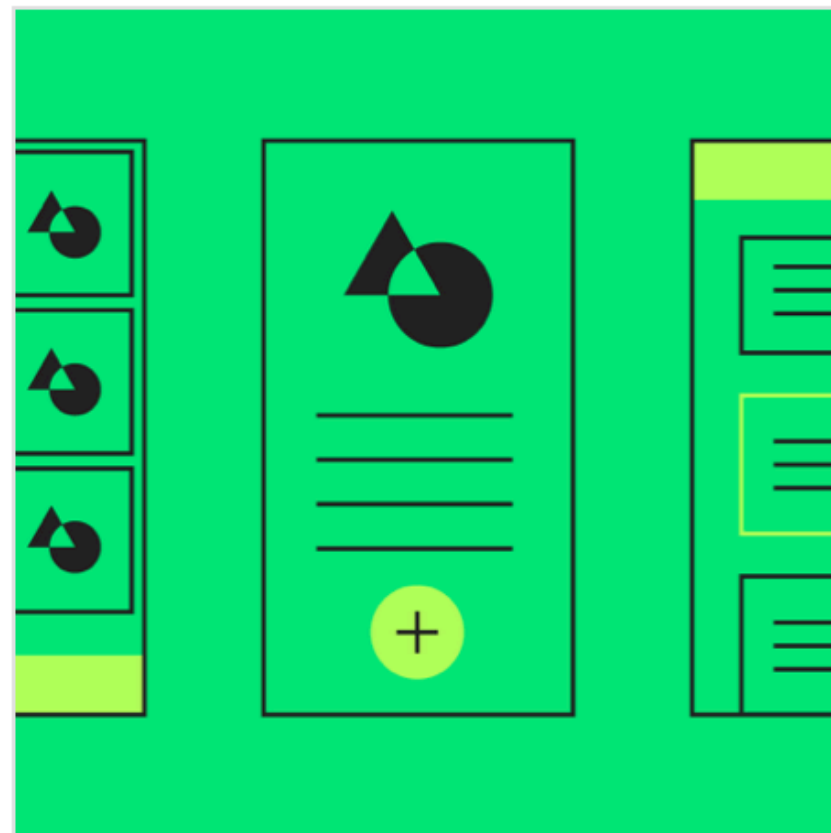
material.io/design/color/applying-color-to-ui.html#usage



Usage [↗](#)

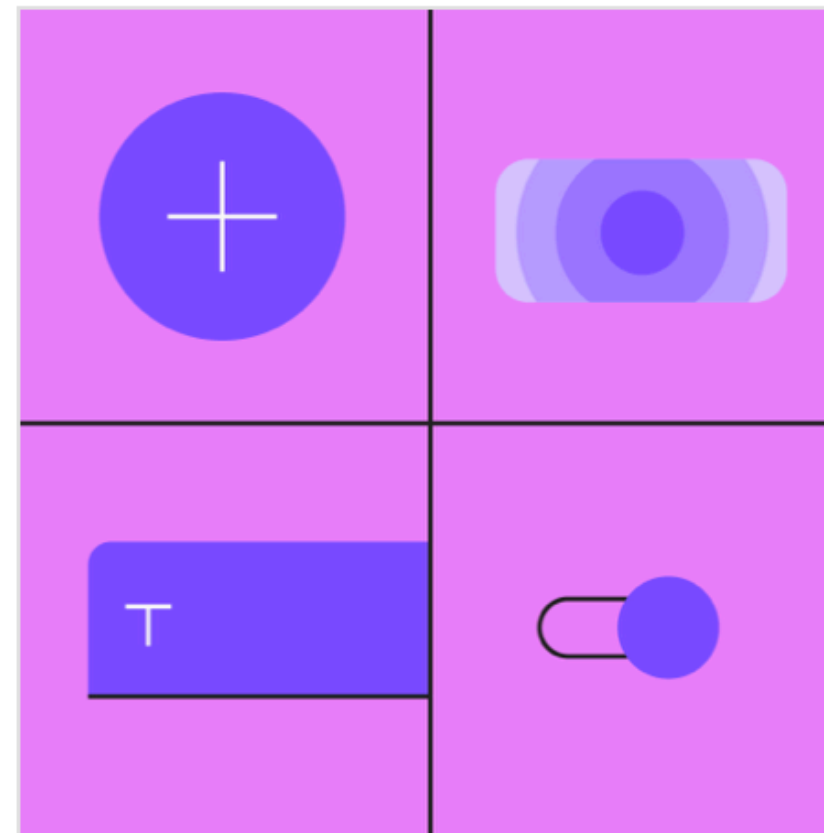
These guidelines describe a variety of UI components and elements where color application is important.

Principles [↑](#)



Consistent

Color should be applied throughout a UI consistently



Distinct

Color should create distinction between elements, with



Intentional

Color should be applied purposefully as it can convey meaning in multiple ways, such

Accessibility For Everyone

by Laura Kalbag

<https://abookapart.com/products/accessibility-for-everyone>

 A BOOK APART
Brief books for people who make websites

NO
23

Laura Kalbag

ACCESSIBILITY FOR EVERYONE

FOREWORD BY Heydon Pickering

Colour is a powerful tool.

Colour creates atmosphere.

Fun lives beyond the defaults.

**Accessible should
be the default.**

Accessibility matters.

Thank you!

Laura Kalbag

Small Technology Foundation & Stately

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Brief books for people who make websites

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Laura Kalbag

ACCESSIBILITY FOR EVERYONE

FOREWORD BY Heydon Pickering