

Converting Colors

RGB(88, 204, 177)

Have a look what the booklet for
RGB(88, 204, 177) contains.

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Color

RGB(88, 204, 177)

Conversions

Conversions Part 1

Format	Color
Hex	58CCB1
RGB	88, 204, 177
RGB Percent	35%, 80%, 69%
CMY	0.6549, 0.2000, 0.3059
CMYK	0.57, 0.00, 0.13, 0.20
HSL	166°, 53%, 57%
HSV	166°, 57%, 80%
XYZ	33.5532, 48.4348, 49.1754
YIQ	166.2380, -60.4690, -32.9890

Conversions

Conversions Part 2

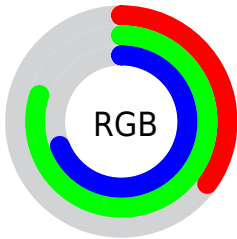
Format	Color
RYB	88, 154, 204
Decimal	5819569
CIELab	75.10, -39.29, 3.62
CIElCh	75, 39.457, 174.738
Yxy	48.4348, 0.2558, 0.3693
Android (android.graphics.Color)	4284009649 (0xFF58CCB1)
YUV	166.2380, 5.3057, -68.6147
Hunter-Lab	69.5951, -35.7330, 6.8227

Details

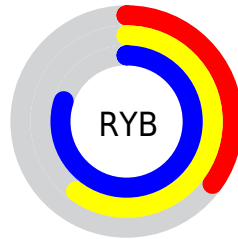
The RGB color **88, 204, 177** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **204, 88, 115**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **147, 255, 233**, and **6, 149, 125** is the 20% darker color. If you saturate the color by 10%, you get **68, 204, 172**, and if you desaturate by 10%, it is **108, 204, 182**.

Distribution



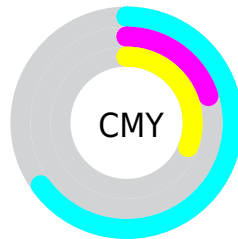
- Red (35%)
- Green (80%)
- Blue (69%)



- Red (35%)
- Yellow (60%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)


















- Cyan (65%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 204, 177 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 88, 204, 177 by changing the saturation by 10% instead.

 88, 204, 177	 88, 204, 177
 255, 255, 255	 56, 176, 150
 147, 255, 233	 6, 149, 125
 176, 255, 255	 0, 123, 100
 206, 255, 255	 0, 97, 76
 236, 255, 255	 0, 73, 53
	 0, 49, 32
	 0, 27, 9
	 0, 0, 0

 88, 204, 177	 88, 204, 177
--	--

■ 68, 204, 172

■ 108, 204, 182

■ 47, 204, 168

■ 129, 204, 186

■ 27, 204, 163

■ 149, 204, 191

■ 6, 204, 158

■ 170, 204, 196

■ 0, 204, 157

■ 190, 204, 201

■ 210, 204, 205

■ 231, 204, 210

■ 251, 204, 215

■ 255, 204, 220

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



136, 200, 142



88, 204, 177



39, 204, 214

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88, 204, 177



180, 178, 251



242, 168, 127

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88, 204, 177



204, 88, 115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 159, 156



88, 204, 177



225, 165, 227

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88, 204, 177



121, 190, 255



250, 157, 193



215, 181, 112

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 204, 177



40, 201, 235



250, 157, 193



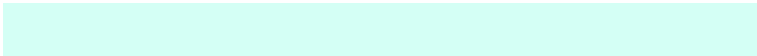
249, 164, 135

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 204, 177



212, 255, 245



115, 204, 88



102, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 204, 177



82, 255, 215



88, 173, 204



92, 102, 100



0, 166, 127



0, 38, 29

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



204, 88, 115



255, 82, 122



204, 119, 88



102, 92, 94



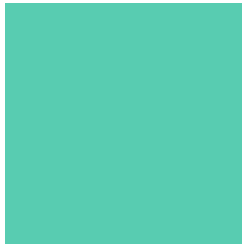
166, 0, 39



38, 0, 9

Previews

White Background



This preview shows how the RGB color 88, 204, 177 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 88, 204, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

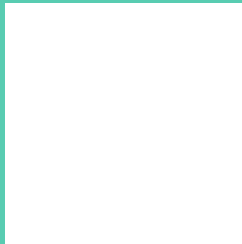
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 88, 204, 177 Background



This preview shows how black text looks on a background with the RGB color 88, 204, 177.

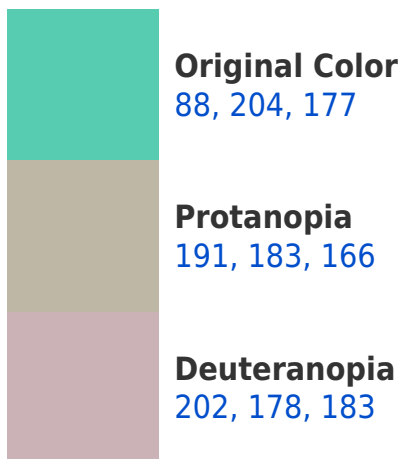


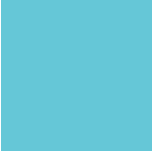
This preview shows how white text looks on a background with the RGB color 88, 204, 177.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

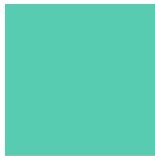
Dichromacy





Tritanopia
101, 199, 215

Trichromacy



Original Color

88, 204, 177



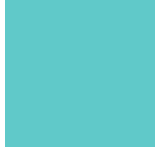
Protanomaly

154, 191, 170



Deuteranomaly

161, 187, 181



Tritanomaly

96, 201, 201

Monochromacy



Original Color

88, 204, 177



Achromatopsia

166, 166, 166



Achromatomaly

138, 180, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 204, 177 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(88, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(88, 204, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(88, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 204, 177) }
```

Border

The CSS property to change the border of an element to RGB 88, 204, 177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 204, 177) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(88, 204, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(88, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(88, 204,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 88, 204, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 204, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(88, 204,  
177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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