

Converting Colors

RGB(68, 208, 185)

Have a look what the booklet for
RGB(68, 208, 185) contains.

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Color

RGB(68, 208, 185)

Conversions

Conversions Part 1

Format	Color
Hex	44D0B9
RGB	68, 208, 185
RGB Percent	27%, 82%, 73%
CMY	0.7333, 0.1843, 0.2745
CMYK	0.67, 0.00, 0.11, 0.18
HSL	170°, 60%, 54%
HSV	170°, 67%, 82%
XYZ	33.6967, 49.8435, 53.7437
YIQ	163.5180, -76.0570, -36.8330

Conversions

Conversions Part 2

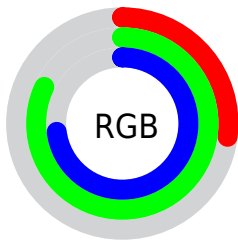
Format	Color
RYB	68, 144, 208
Decimal	4509881
CIELab	75.97, -42.56, 0.52
CIELCh	76, 42.561, 179.306
Yxy	49.8435, 0.2455, 0.3631
Android (android.graphics.Color)	4282699961 (0xFF44D0B9)
YUV	163.5180, 10.5906, -83.7693
Hunter-Lab	70.5999, -38.3533, 4.2858

Details

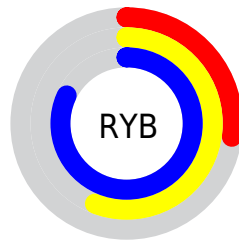
The RGB color **68, 208, 185** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **208, 68, 91**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **133, 255, 241**, and **0, 153, 132** is the 20% darker color. If you saturate the color by 10%, you get **47, 208, 182**, and if you desaturate by 10%, it is **89, 208, 188**.

Distribution



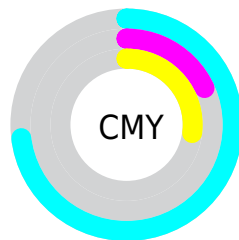
- Red (27%)
- Green (82%)
- Blue (73%)



- Red (27%)
- Yellow (56%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



















- Cyan (73%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 208, 185 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 68, 208, 185 by changing the saturation by 10% instead.

 68, 208, 185	 68, 208, 185
 255, 255, 255	 21, 180, 158
 133, 255, 241	 0, 153, 132
 163, 255, 255	 0, 126, 107
 193, 255, 255	 0, 100, 83
 223, 255, 255	 0, 76, 60
 254, 255, 255	 0, 52, 38
	 0, 30, 18
	 0, 0, 0

 68, 208, 185	 68, 208, 185
--	--

■ 47, 208, 182

■ 89, 208, 188

■ 26, 208, 178

■ 110, 208, 192

■ 6, 208, 175

■ 130, 208, 195

■ 0, 208, 174

■ 151, 208, 199

■ 172, 208, 202

■ 193, 208, 206

■ 214, 208, 209

■ 234, 208, 212

■ 255, 208, 216

Harmonies

Analogous

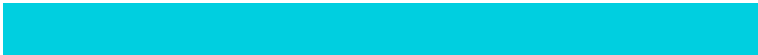
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



126, 204, 146



68, 208, 185



0, 207, 224

Triad

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



68, 208, 185



190, 177, 255



245, 171, 121

Complementary

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



68, 208, 185



208, 68, 91

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, 160, 151



68, 208, 185



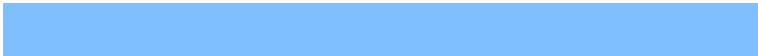
236, 164, 228

Square

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



68, 208, 185



127, 191, 255



255, 156, 190



214, 185, 108

Rectangle

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



68, 208, 185



0, 204, 246



255, 156, 190



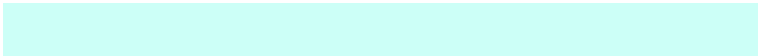
252, 167, 129

Sweetspot

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



68, 208, 185



204, 255, 247



91, 208, 68



97, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



68, 208, 185



48, 255, 221



68, 161, 208



94, 105, 103



0, 168, 141



0, 41, 34

Inverse Universe

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



208, 68, 91



255, 48, 82



208, 115, 68



105, 94, 96



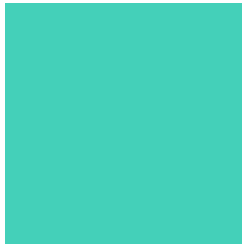
168, 0, 28



41, 0, 7

Previews

White Background



This preview shows how the RGB color 68, 208, 185 looks on a white background.

Color Contrast Check

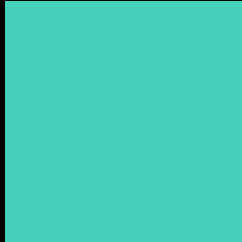
Large Text (above 18pt) WCAG AA × Fail

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 68, 208, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

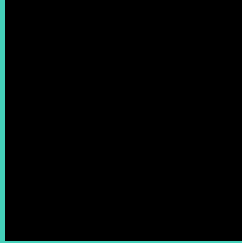
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

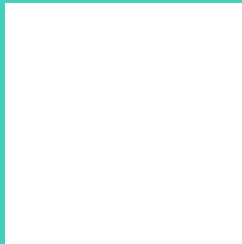
Any Text WCAG AAA ✓ Pass

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

RGB 68, 208, 185 Background



This preview shows how black text looks on a background with the RGB color 68, 208, 185.

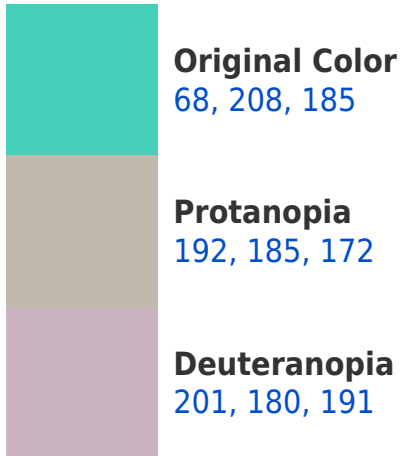


This preview shows how white text looks on a background with the RGB color 68, 208, 185.

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
84, 203, 219

Trichromacy



Original Color

68, 208, 185



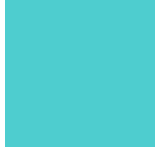
Protanomaly

147, 193, 177



Deuteranomaly

153, 190, 189



Tritanomaly

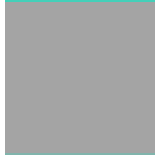
78, 205, 207

Monochromacy



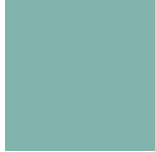
Original Color

68, 208, 185



Achromatopsia

164, 164, 164



Achromatomaly

129, 180, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 208, 185 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(68, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(68, 208, 185)  
}
```

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(68, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 208, 185) }
```

Border

The CSS property to change the border of an element to RGB 68, 208, 185 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(68, 208, 185) }
```

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

```
.border{ border-color:rgb(68, 208, 185) }
```

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

Here you see how a box with a 4 pixel rgb(68, 208, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(68, 208,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 68, 208, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 208, 185) }
```

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

```
.background{ background-color: rgb(68, 208,  
185) }
```

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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