

Converting Colors

RGB(57, 204, 188)

Have a look what the booklet for
RGB(57, 204, 188) contains.

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Color

RGB(57, 204, 188)

Conversions

Conversions Part 1

Format	Color
Hex	39CCBC
RGB	57, 204, 188
RGB Percent	22%, 80%, 74%
CMY	0.7765, 0.2000, 0.2627
CMYK	0.72, 0.00, 0.08, 0.20
HSL	173°, 59%, 51%
HSV	173°, 72%, 80%
XYZ	32.3573, 47.6864, 55.0759
YIQ	158.2230, -82.4760, -36.1400

Conversions

Conversions Part 2

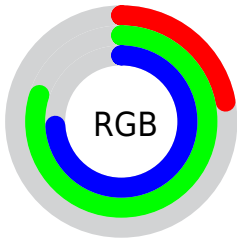
Format	Color
RYB	57, 135, 204
Decimal	3787964
CIELab	74.63, -41.51, -3.10
CIELCh	75, 41.623, 184.273
Yxy	47.6864, 0.2395, 0.3529
Android (android.graphics.Color)	4281978044 (0xFF39CCBC)
YUV	158.2230, 14.6801, -88.7726
Hunter-Lab	69.0554, -37.2070, 1.0513

Details

The RGB color **57, 204, 188** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **204, 57, 73**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **125, 255, 244**, and **0, 149, 135** is the 20% darker color. If you saturate the color by 10%, you get **37, 204, 186**, and if you desaturate by 10%, it is **77, 204, 190**.

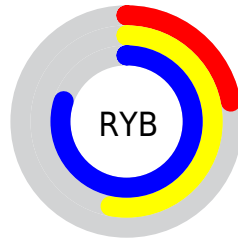
Distribution



Red (22%)

Green (80%)

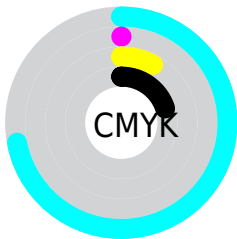
Blue (74%)



Red (22%)

Yellow (53%)

Blue (80%)

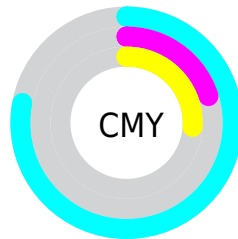


Cyan (72%)

Magenta (0%)

Yellow (8%)

Black (20%)



Cyan (78%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 204, 188 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 57, 204, 188 by changing the saturation by 10% instead.



57, 204, 188



57, 204, 188

255, 255, 255



0, 176, 161



125, 255, 244



0, 149, 135



156, 255, 255



0, 123, 110



186, 255, 255



0, 97, 85



217, 255, 255



0, 72, 62



247, 255, 255



0, 49, 40



0, 25, 20



0, 0, 0



57, 204, 188



57, 204, 188

■ 37, 204, 186

■ 77, 204, 190

■ 16, 204, 184

■ 98, 204, 192

■ 0, 204, 182

■ 118, 204, 195

■ 139, 204, 197

■ 159, 204, 199

■ 179, 204, 201

■ 200, 204, 204

■ 220, 204, 206

■ 241, 204, 208

Harmonies

Analogous

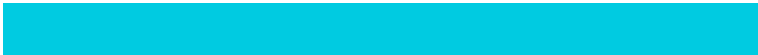
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



115, 201, 149



57, 204, 188



0, 203, 225

Triad

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



57, 204, 188



195, 172, 247



236, 170, 115

Complementary

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



57, 204, 188



204, 57, 73

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, 158, 142



57, 204, 188



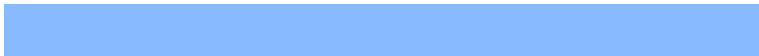
236, 159, 218

Square

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



57, 204, 188



136, 186, 255



255, 153, 180



203, 183, 106

Rectangle

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



57, 204, 188



29, 199, 245



255, 153, 180



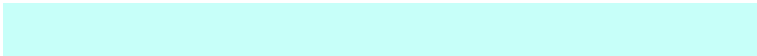
244, 165, 123

Sweetspot

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



57, 204, 188



199, 255, 249



74, 204, 57



94, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



57, 204, 188



36, 255, 231



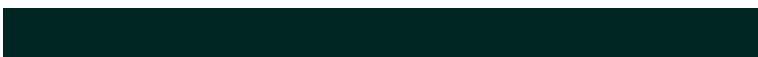
57, 148, 204



92, 102, 101



0, 166, 148



0, 38, 34

Inverse Universe

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



204, 57, 73



255, 36, 60



204, 113, 57



102, 92, 93



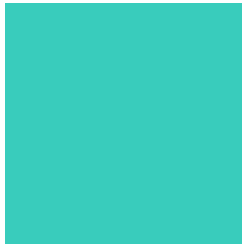
166, 0, 18



38, 0, 4

Previews

White Background



This preview shows how the RGB color 57, 204, 188 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 57, 204, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

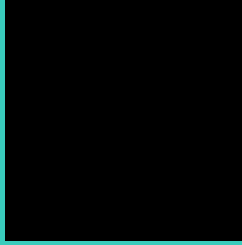
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

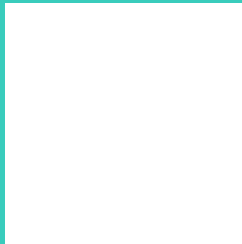
Any Text WCAG AAA ✓ Pass

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

RGB 57, 204, 188 Background



This preview shows how black text looks on a background with the RGB color 57, 204, 188.

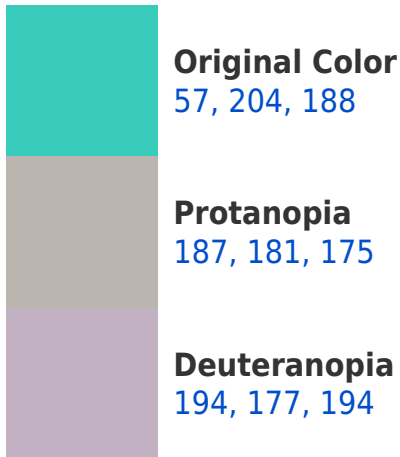


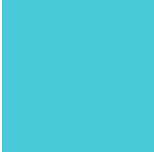
This preview shows how white text looks on a background with the RGB color 57, 204, 188.

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
73, 200, 216

Trichromacy



Original Color

57, 204, 188



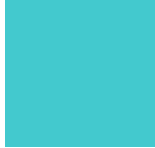
Protanomaly

140, 189, 180



Deuteranomaly

144, 187, 192



Tritanomaly

67, 201, 206

Monochromacy



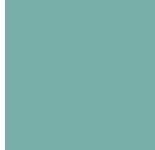
Original Color

57, 204, 188



Achromatopsia

158, 158, 158



Achromatomaly

121, 175, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 204, 188 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(57, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(57, 204, 188)  
}
```

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(57, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 204, 188) }
```

Border

The CSS property to change the border of an element to RGB 57, 204, 188 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(57, 204, 188) }
```

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

```
.border{ border-color:rgb(57, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 204, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 204, 188);  
box-shadow:4px 4px 4px 4px rgb(57, 204,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 57, 204, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 204, 188) }
```

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

```
.background{ background-color: rgb(57, 204,  
188) }
```

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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