

Converting Colors

RGB(67, 198, 187)

Have a look what the booklet for
RGB(67, 198, 187) contains.

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Color

RGB(67, 198, 187)

Conversions

Conversions Part 1

Format	Color
Hex	43C6BB
RGB	67, 198, 187
RGB Percent	26%, 78%, 73%
CMY	0.7373, 0.2235, 0.2667
CMYK	0.66, 0.00, 0.06, 0.22
HSL	175°, 53%, 52%
HSV	175°, 66%, 78%
XYZ	31.4785, 45.1693, 54.0732
YIQ	157.5770, -74.5450, -31.1930

Conversions

Conversions Part 2

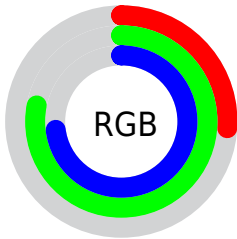
Format	Color
RYB	67, 135, 198
Decimal	4441787
CIELab	73.00, -37.70, -4.93
CIElCh	73, 38.020, 187.447
Yxy	45.1693, 0.2408, 0.3455
Android (android.graphics.Color)	4282631867 (0xFF43C6BB)
YUV	157.5770, 14.5055, -79.4360
Hunter-Lab	67.2081, -34.0096, -0.6569

Details

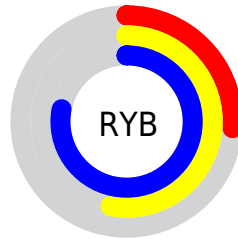
The RGB color **67, 198, 187** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **198, 67, 78**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **131, 255, 243**, and **0, 143, 134** is the 20% darker color. If you saturate the color by 10%, you get **47, 198, 185**, and if you desaturate by 10%, it is **87, 198, 189**.

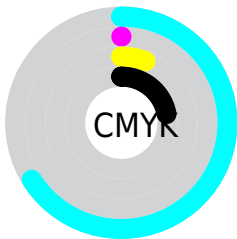
Distribution



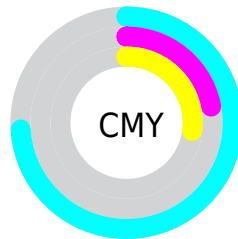
- Red (26%)
- Green (78%)
- Blue (73%)



- Red (26%)
- Yellow (53%)
- Blue (78%)



- Cyan (66%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (74%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 67, 198, 187 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 67, 198, 187 by changing the saturation by 10% instead.

 67, 198, 187

 67, 198, 187


255, 255, 255

 22, 170, 160

 131, 255, 243

 0, 143, 134

 161, 255, 255

 0, 117, 109

 191, 255, 255


 0, 92, 84

 221, 255, 255


 0, 68, 61


 251, 255, 255

 0, 45, 40

 0, 19, 20

 0, 0, 0

 67, 198, 187

 67, 198, 187

■ 47, 198, 185

■ 87, 198, 189

■ 27, 198, 184

■ 107, 198, 190

■ 8, 198, 182

■ 126, 198, 192

■ 0, 198, 181

■ 146, 198, 194

■ 166, 198, 195

■ 186, 198, 197

■ 206, 198, 199

■ 225, 198, 200

■ 245, 198, 202

Harmonies

Analogous

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



114, 196, 151



67, 198, 187



39, 196, 220

Triad

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



67, 198, 187



195, 167, 235



225, 168, 115

Complementary

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



67, 198, 187



198, 67, 78

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.



244, 157, 139



67, 198, 187



230, 156, 207

Square

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



67, 198, 187



144, 180, 248



247, 152, 172



194, 180, 109

Rectangle

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



67, 198, 187



65, 193, 237



247, 152, 172



232, 164, 122

Sweetspot

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



67, 198, 187



204, 255, 251



80, 198, 67



97, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



67, 198, 187



54, 255, 238



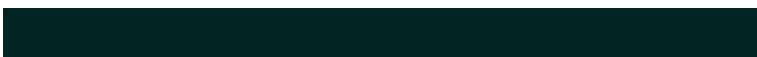
67, 146, 198



90, 99, 99



0, 163, 149



0, 36, 33

Inverse Universe

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



198, 67, 78



255, 54, 70



198, 119, 67



99, 90, 90



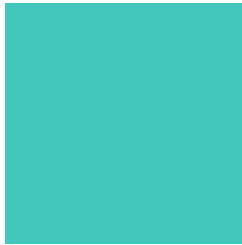
163, 0, 14



36, 0, 3

Previews

White Background



This preview shows how the RGB color 67, 198, 187 looks on a white background.

Color Contrast Check

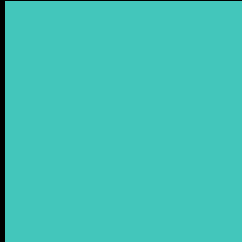
Large Text (above 18pt) WCAG AA × Fail

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 67, 198, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

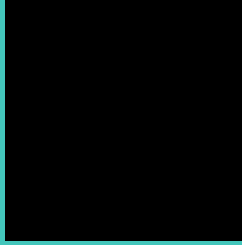
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

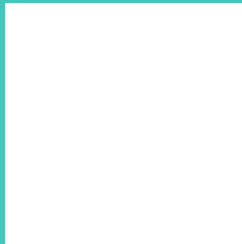
Any Text WCAG AAA ✓ Pass

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

RGB 67, 198, 187 Background



This preview shows how black text looks on a background with the RGB color 67, 198, 187.

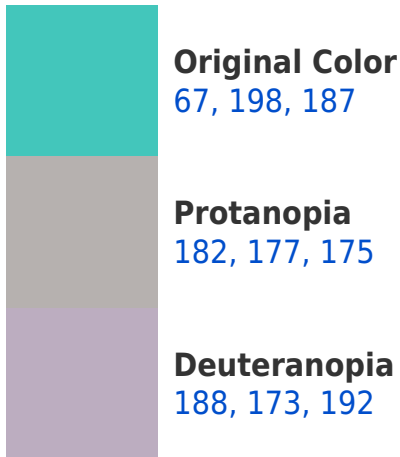


This preview shows how white text looks on a background with the RGB color 67, 198, 187.

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
78, 195, 210

Trichromacy



Original Color

67, 198, 187



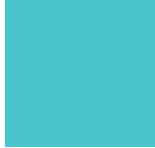
Protanomaly

140, 185, 179



Deuteranomaly

144, 182, 190



Tritanomaly

74, 196, 202

Monochromacy



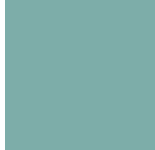
Original Color

67, 198, 187



Achromatopsia

158, 158, 158



Achromatomaly

125, 173, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 67, 198, 187 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(67, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(67, 198, 187)  
}
```

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(67, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 198, 187) }
```

Border

The CSS property to change the border of an element to RGB 67, 198, 187 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(67, 198, 187) }
```

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

```
.border{ border-color:rgb(67, 198, 187) }
```

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

Here you see how a box with a 4 pixel rgb(67, 198, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(67, 198,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 67, 198, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 198, 187) }
```

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

```
.background{ background-color: rgb(67, 198,  
187) }
```

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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