

Converting Colors

RGB(87, 200, 197)

Have a look what the booklet for
RGB(87, 200, 197) contains.

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Color

RGB(87, 200, 197)

Conversions

Conversions Part 1

Format	Color
Hex	57C8C5
RGB	87, 200, 197
RGB Percent	34%, 78%, 77%
CMY	0.6588, 0.2157, 0.2275
CMYK	0.56, 0.00, 0.01, 0.22
HSL	178°, 51%, 56%
HSV	178°, 56%, 78%
XYZ	34.6628, 47.3660, 60.1390
YIQ	165.8710, -66.3850, -24.8890

Conversions

Conversions Part 2

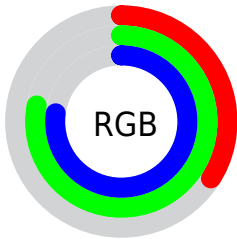
Format	Color
RYB	87, 144, 200
Decimal	5753029
CIELab	74.42, -32.53, -8.19
CIElCh	74, 33.544, 194.137
Yxy	47.3660, 0.2438, 0.3332
Android (android.graphics.Color)	4283943109 (0xFF57C8C5)
YUV	165.8710, 15.3466, -69.1699
Hunter-Lab	68.8230, -30.5384, -3.6328

Details

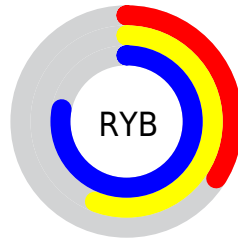
The RGB color **87, 200, 197** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **200, 87, 90**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **147, 255, 254**, and **0, 146, 143** is the 20% darker color. If you saturate the color by 10%, you get **67, 200, 196**, and if you desaturate by 10%, it is **107, 200, 198**.

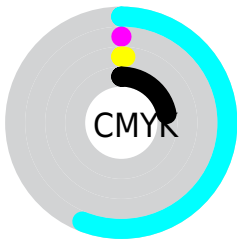
Distribution



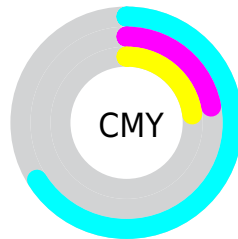
- Red (34%)
- Green (78%)
- Blue (77%)



- Red (34%)
- Yellow (56%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 200, 197 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 87, 200, 197 by changing the saturation by 10% instead.



87, 200, 197



87, 200, 197

255, 255, 255



54, 172, 170



147, 255, 254



0, 146, 143



176, 255, 255



0, 119, 118



206, 255, 255



0, 94, 93



236, 255, 255



0, 70, 70



0, 47, 47



0, 25, 27



0, 0, 0



87, 200, 197



87, 200, 197

■ 67, 200, 196

■ 107, 200, 198

■ 47, 200, 196

■ 127, 200, 198

■ 27, 200, 195

■ 147, 200, 199

■ 7, 200, 195

■ 167, 200, 199

■ 0, 200, 195

■ 187, 200, 200

■ 207, 200, 200

■ 227, 200, 201

■ 247, 200, 201

■ 255, 200, 202

Harmonies

Analogous

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



119, 199, 165



87, 200, 197



83, 197, 225

Triad

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



87, 200, 197



205, 170, 227



219, 176, 124

Complementary

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



87, 200, 197



200, 87, 90

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.



239, 166, 141



87, 200, 197



233, 162, 201

Square

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



87, 200, 197



164, 181, 243



244, 160, 169



190, 186, 123

Rectangle

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



87, 200, 197



103, 193, 238



244, 160, 169



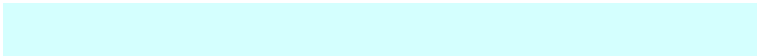
227, 172, 128

Sweetspot

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



87, 200, 197



212, 255, 254



91, 200, 87



102, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



87, 200, 197



82, 255, 250



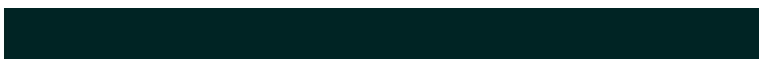
87, 147, 200



90, 99, 99



0, 163, 159



0, 36, 35

Inverse Universe

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



200, 87, 90



255, 82, 86



200, 140, 87



99, 90, 90



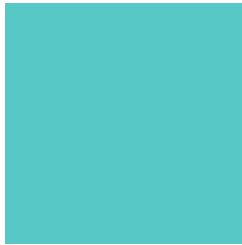
163, 0, 4



36, 0, 1

Previews

White Background



This preview shows how the RGB color 87, 200, 197 looks on a white background.

Color Contrast Check

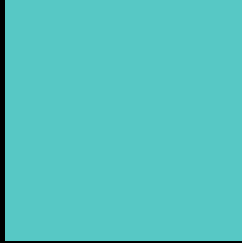
Large Text (above 18pt) WCAG AA × Fail

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 87, 200, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

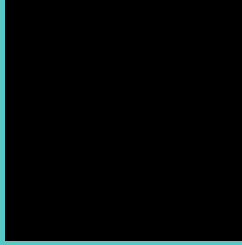
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

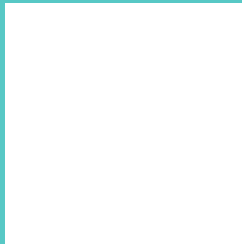
Any Text WCAG AAA ✓ Pass

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

RGB 87, 200, 197 Background



This preview shows how black text looks on a background with the RGB color 87, 200, 197.

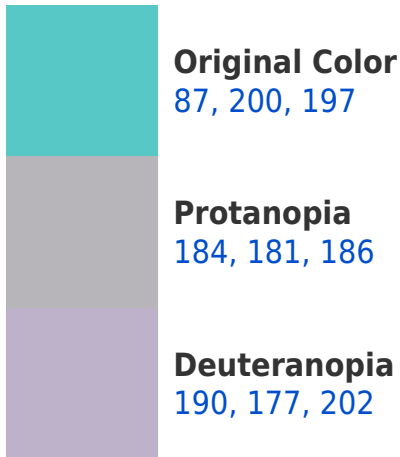


This preview shows how white text looks on a background with the RGB color 87, 200, 197.

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
93, 197, 213

Trichromacy



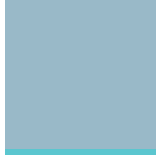
Original Color

87, 200, 197



Protanomaly

149, 188, 190



Deuteranomaly

153, 185, 200



Tritanomaly

91, 198, 207

Monochromacy



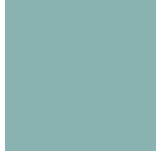
Original Color

87, 200, 197



Achromatopsia

166, 166, 166



Achromatomaly

137, 178, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 200, 197 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(87, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(87, 200, 197)  
}
```

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(87, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 200, 197) }
```

Border

The CSS property to change the border of an element to RGB 87, 200, 197 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(87, 200, 197) }
```

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

```
.border{ border-color:rgb(87, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(87, 200,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 87, 200, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 200, 197) }
```

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

```
.background{ background-color: rgb(87, 200,  
197) }
```

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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