

Converting Colors

RGB(87, 194, 194)

Have a look what the booklet for
RGB(87, 194, 194) contains.

RGB(87, 194, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(87, 194, 194)

Conversions

Conversions Part 1

Format	Color
Hex	57C2C2
RGB	87, 194, 194
RGB Percent	34%, 76%, 76%
CMY	0.6588, 0.2392, 0.2392
CMYK	0.55, 0.00, 0.00, 0.24
HSL	180°, 47%, 55%
HSV	180°, 55%, 76%
XYZ	32.9599, 44.5049, 57.8921
YIQ	162.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

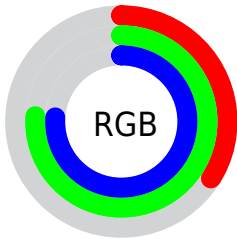
Format	Color
RYB	87, 141, 194
Decimal	5751490
CIELab	72.56, -30.47, -9.33
CIELCh	73, 31.861, 197.023
Yxy	44.5049, 0.2435, 0.3288
Android (android.graphics.Color)	4283941570 (0xFF57C2C2)
YUV	162.0070, 15.7725, -65.7811
Hunter-Lab	66.7120, -28.5558, -4.7530

Details

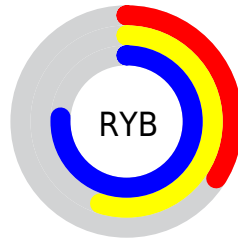
The RGB color **87, 194, 194** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **194, 87, 87**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **146, 251, 250**, and **2, 140, 140** is the 20% darker color. If you saturate the color by 10%, you get **68, 194, 194**, and if you desaturate by 10%, it is **106, 194, 194**.

Distribution



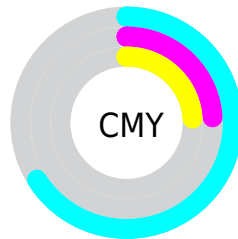
- Red (34%)
- Green (76%)
- Blue (76%)



- Red (34%)
- Yellow (55%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (66%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 87, 194, 194 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, 194, 194 by changing the saturation by 10% instead.

 87, 194, 194

 87, 194, 194


255, 255, 255

 55, 167, 167

 146, 251, 250

 2, 140, 140

 175, 255, 255

 0, 114, 115

 205, 255, 255

 0, 89, 90


 235, 255, 255


 0, 65, 67

 0, 42, 45

 0, 17, 25

 0, 0, 0

 87, 194, 194

 87, 194, 194

■ 68, 194, 194

■ 106, 194, 194

■ 48, 194, 194

■ 126, 194, 194

■ 29, 194, 194

■ 145, 194, 194

■ 9, 194, 194

■ 165, 194, 194

■ 0, 194, 194

■ 184, 194, 194

■ 203, 194, 194

■ 223, 194, 194

■ 242, 194, 194

■ 255, 194, 194

Harmonies

Analogous

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



114, 193, 164



87, 194, 194



87, 191, 220

Triad

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



87, 194, 194



202, 165, 218



210, 172, 122

Complementary

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



87, 194, 194



194, 87, 87

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.



229, 162, 137



87, 194, 194



227, 158, 192

Square

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



87, 194, 194



164, 175, 233



236, 157, 162



181, 181, 122

Rectangle

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



87, 194, 194



107, 187, 231



236, 157, 162



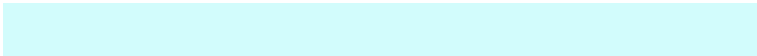
218, 169, 125

Sweetspot

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



87, 194, 194



210, 252, 252



87, 194, 87



102, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



87, 194, 194



86, 252, 252



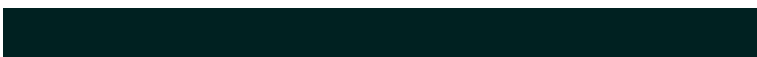
87, 141, 194



87, 97, 97



0, 161, 161



0, 33, 33

Inverse Universe

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



194, 87, 194



252, 86, 252



194, 141, 87



97, 87, 97



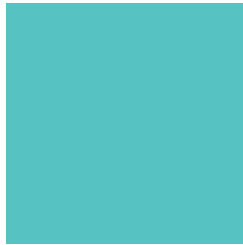
161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 87, 194, 194 looks on a white background.

Color Contrast Check

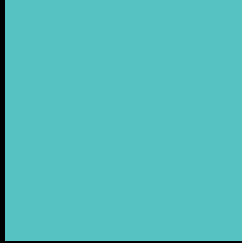
Large Text (above 18pt) WCAG AA × Fail

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, 194, 194 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, 194, 194 Background



This preview shows how black text looks on a background with the RGB color 87, 194, 194.

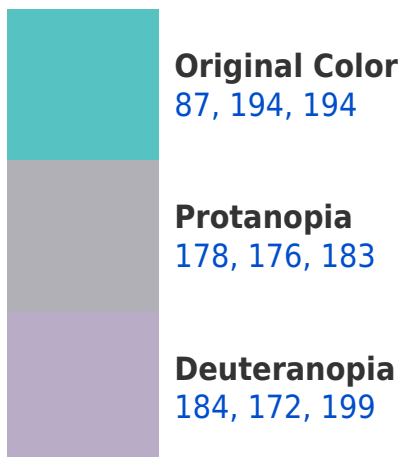


This preview shows how white text looks on a background with the RGB color 87, 194, 194.

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
92, 192, 207

Trichromacy



Original Color

87, 194, 194



Protanomaly

145, 183, 187



Deuteranomaly

149, 180, 197



Tritanomaly

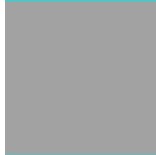
90, 193, 202

Monochromacy



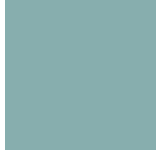
Original Color

87, 194, 194



Achromatopsia

162, 162, 162



Achromatomaly

135, 174, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 194, 194 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(87, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 194, 194) }
```

Border

The CSS property to change the border of an element to RGB 87, 194, 194 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, 194, 194) }
```

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

```
.border{ border-color:rgb(87, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(87, 194,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 87, 194, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 194, 194) }
```

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

```
.background{ background-color: rgb(87, 194,  
194) }
```

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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