

Converting Colors

RGB(107, 194, 187)

Have a look what the booklet for
RGB(107, 194, 187) contains.

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Color

RGB(107, 194, 187)

Conversions

Conversions Part 1

Format	Color
Hex	6BC2BB
RGB	107, 194, 187
RGB Percent	42%, 76%, 73%
CMY	0.5804, 0.2392, 0.2667
CMYK	0.45, 0.00, 0.04, 0.24
HSL	175°, 42%, 59%
HSV	175°, 45%, 76%
XYZ	34.3248, 45.2972, 53.9478
YIQ	167.1890, -49.6050, -20.6210

Conversions

Conversions Part 2

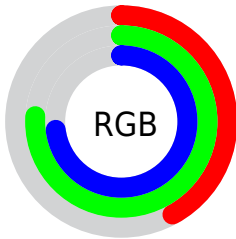
Format	Color
RYB	107, 152, 194
Decimal	7062203
CIELab	73.09, -27.93, -4.66
CIElCh	73, 28.320, 189.472
Yxy	45.2972, 0.2570, 0.3391
Android (android.graphics.Color)	4285252283 (0xFF6BC2BB)
YUV	167.1890, 9.7668, -52.7858
Hunter-Lab	67.3032, -26.7451, -0.4125

Details

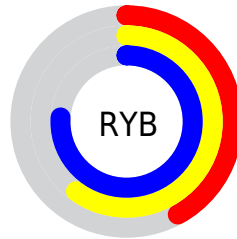
The RGB color **107, 194, 187** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **194, 107, 114**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **163, 251, 243**, and **49, 140, 134** is the 20% darker color. If you saturate the color by 10%, you get **88, 194, 185**, and if you desaturate by 10%, it is **126, 194, 189**.

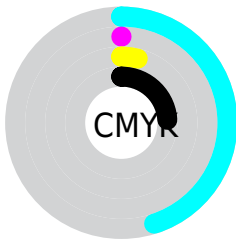
Distribution



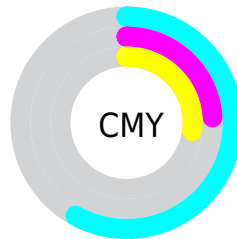
- Red (42%)
- Green (76%)
- Blue (73%)



- Red (42%)
- Yellow (60%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 194, 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 107, 194, 187 by changing the saturation by 10% instead.

 107, 194, 187

255, 255, 255


 163, 251, 243


 192, 255, 255


 221, 255, 255

 250, 255, 255

 107, 194, 187

 79, 167, 160

 49, 140, 134

 7, 114, 109


 0, 89, 84


 0, 65, 61

 0, 43, 40

 0, 19, 19

 0, 0, 0

 107, 194, 187

 107, 194, 187

■ 88, 194, 185

■ 126, 194, 189

■ 68, 194, 184

■ 146, 194, 190

■ 49, 194, 182

■ 165, 194, 192

■ 29, 194, 181

■ 185, 194, 193

■ 10, 194, 179

■ 204, 194, 195

■ 0, 194, 178

■ 223, 194, 196

■ 243, 194, 198

■ 255, 194, 199

■ 255, 194, 201

Harmonies

Analogous

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



131, 192, 160



107, 194, 187



101, 192, 211

Triad

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



107, 194, 187



194, 170, 220



214, 172, 131

Complementary

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



107, 194, 187



194, 107, 114

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, 164, 148



107, 194, 187



219, 163, 198

Square

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



107, 194, 187



159, 179, 230



231, 160, 172



190, 180, 128

Rectangle

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



107, 194, 187



113, 189, 223



231, 160, 172



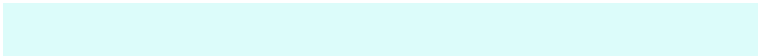
220, 169, 136

Sweetspot

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



107, 194, 187



220, 252, 250



114, 194, 107



107, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



107, 194, 187



116, 252, 241



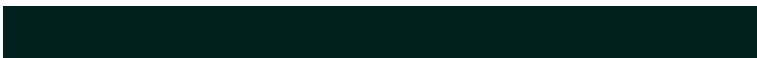
107, 158, 194



87, 97, 96



0, 161, 148



0, 33, 30

Inverse Universe

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



194, 107, 114



252, 116, 127



194, 143, 107



97, 87, 88



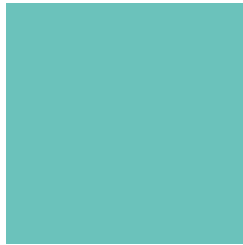
161, 0, 13



33, 0, 3

Previews

White Background



This preview shows how the RGB color 107, 194, 187 looks on a white background.

Color Contrast Check

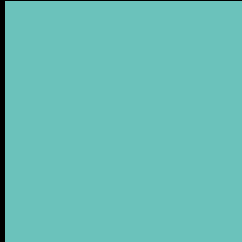
Large Text (above 18pt) WCAG AA × Fail

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 107, 194, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

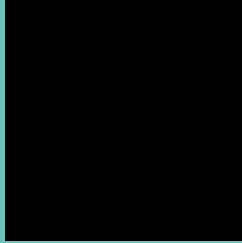
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

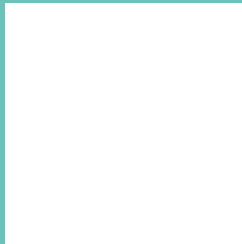
Any Text WCAG AAA ✓ Pass

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

RGB 107, 194, 187 Background



This preview shows how black text looks on a background with the RGB color 107, 194, 187.

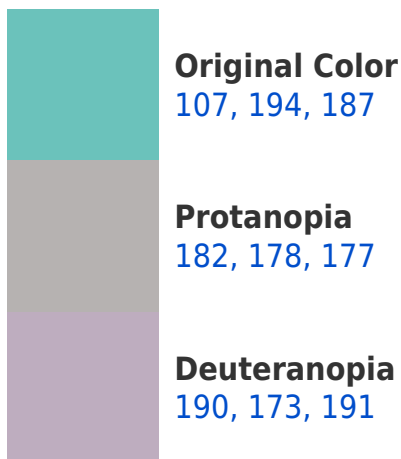


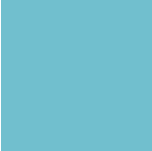
This preview shows how white text looks on a background with the RGB color 107, 194, 187.

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
113, 191, 206

Trichromacy



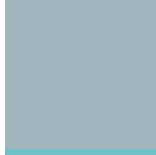
Original Color

107, 194, 187



Protanomaly

155, 184, 181



Deuteranomaly

160, 181, 190



Tritanomaly

111, 192, 199

Monochromacy



Original Color

107, 194, 187



Achromatopsia

167, 167, 167



Achromatomaly

145, 177, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 194, 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(107, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(107, 194, 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(107, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 194, 187) }
```

Border

The CSS property to change the border of an element to RGB 107, 194, 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(107, 194, 187) }
```

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

```
.border{ border-color:rgb(107, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(107, 194,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 107, 194, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 194, 187) }
```

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

```
.background{ background-color: rgb(107,  
194, 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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