

Converting Colors

RGB(107, 204, 158)

Have a look what the booklet for
RGB(107, 204, 158) contains.

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Color

RGB(107, 204, 158)

Conversions

Conversions Part 1

Format	Color
Hex	6BCC9E
RGB	107, 204, 158
RGB Percent	42%, 80%, 62%
CMY	0.5804, 0.2000, 0.3804
CMYK	0.48, 0.00, 0.23, 0.20
HSL	152°, 49%, 61%
HSV	152°, 48%, 80%
XYZ	33.8278, 48.7802, 39.9804
YIQ	169.7530, -43.0460, -34.8700

Conversions

Conversions Part 2

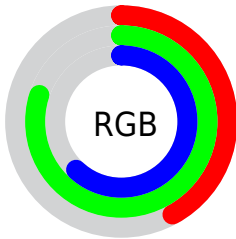
Format	Color
RYB	107, 171, 204
Decimal	7064734
CIELab	75.31, -39.26, 14.22
CIElCh	75, 41.757, 160.087
Yxy	48.7802, 0.2759, 0.3979
Android (android.graphics.Color)	4285254814 (0xFF6BCC9E)
YUV	169.7530, -5.7942, -55.0344
Hunter-Lab	69.8428, -35.7698, 14.9504

Details

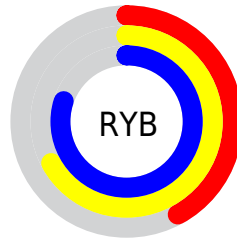
The RGB color **107, 204, 158** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **204, 107, 153**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **163, 255, 213**, and **49, 149, 107** is the 20% darker color. If you saturate the color by 10%, you get **87, 204, 148**, and if you desaturate by 10%, it is **127, 204, 168**.

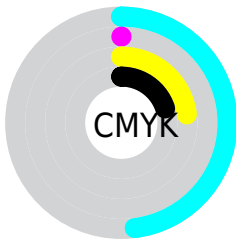
Distribution



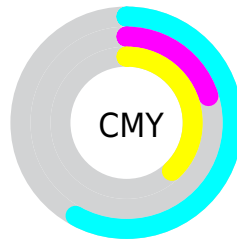
- Red (42%)
- Green (80%)
- Blue (62%)



- Red (42%)
- Yellow (67%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 204, 158 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, 204, 158 by changing the saturation by 10% instead.

 107, 204, 158

255, 255, 255


 163, 255, 213


 192, 255, 241


 221, 255, 255

 251, 255, 255

 107, 204, 158

 79, 176, 132

 49, 149, 107

 6, 123, 82

 0, 97, 59

 0, 73, 37

 0, 49, 16

 0, 27, 0

 0, 0, 0

 107, 204, 158

 107, 204, 158

■ 87, 204, 148

■ 127, 204, 168

■ 66, 204, 139

■ 148, 204, 177

■ 46, 204, 129

■ 168, 204, 187

■ 25, 204, 119

■ 189, 204, 197

■ 5, 204, 110

■ 209, 204, 206

■ 0, 204, 107

■ 229, 204, 216

■ 250, 204, 226

■ 255, 204, 235

■ 255, 204, 245

Harmonies

Analogous

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



156, 198, 125



107, 204, 158



45, 206, 198

Triad

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



107, 204, 158



150, 185, 255



255, 162, 138

Complementary

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



107, 204, 158



204, 107, 153

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, 155, 174



107, 204, 158



207, 171, 245

Square

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



107, 204, 158



79, 197, 255



244, 159, 213



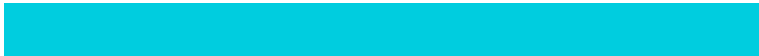
232, 174, 113

Rectangle

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



107, 204, 158



0, 205, 223



244, 159, 213



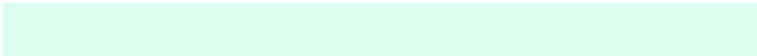
255, 159, 149

Sweetspot

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



107, 204, 158



219, 255, 238



154, 204, 107



106, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



107, 204, 158



110, 255, 186



107, 202, 204



92, 102, 97



0, 166, 87



0, 38, 20

Inverse Universe

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



204, 107, 153



255, 110, 179



204, 109, 107



102, 92, 97



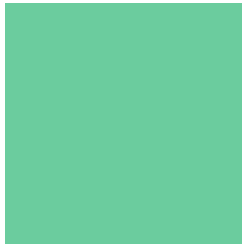
166, 0, 79



38, 0, 18

Previews

White Background



This preview shows how the RGB color 107, 204, 158 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, 204, 158 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, 204, 158 Background



This preview shows how black text looks on a background with the RGB color 107, 204, 158.

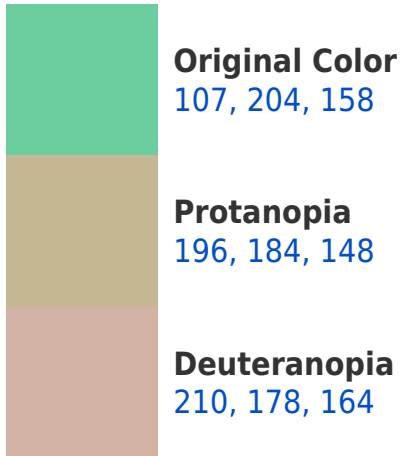


This preview shows how white text looks on a background with the RGB color 107, 204, 158.

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
121, 197, 213

Trichromacy



Original Color

107, 204, 158



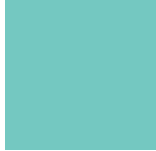
Protanomaly

164, 191, 152



Deuteranomaly

173, 187, 162



Tritanomaly

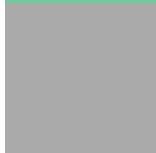
116, 200, 193

Monochromacy



Original Color

107, 204, 158



Achromatopsia

170, 170, 170



Achromatomaly

147, 182, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 204, 158 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, 204, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 204, 158)  
}
```

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, 204, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 204, 158) }
```

Border

The CSS property to change the border of an element to RGB 107, 204, 158 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, 204, 158) }
```

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

```
.border{ border-color:rgb(107, 204, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 204, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 204, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 204, 158);  
box-shadow:4px 4px 4px 4px rgb(107, 204,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 107, 204, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 204, 158) }
```

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

```
.background{ background-color: rgb(107,  
204, 158) }
```

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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