

Converting Colors

RGB(107, 198, 191)

Have a look what the booklet for
RGB(107, 198, 191) contains.

RGB(107, 198, 191)	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(107, 198, 191)

Conversions

Conversions Part 1

Format	Color
Hex	6BC6BF
RGB	107, 198, 191
RGB Percent	42%, 78%, 75%
CMY	0.5804, 0.2235, 0.2510
CMYK	0.46, 0.00, 0.04, 0.22
HSL	175°, 44%, 60%
HSV	175°, 46%, 78%
XYZ	35.6615, 47.2756, 56.5358
YIQ	169.9930, -51.9890, -21.4690

Conversions

Conversions Part 2

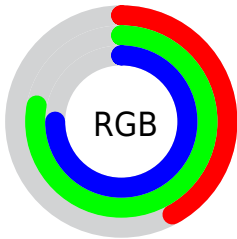
Format	Color
RYB	107, 154, 198
Decimal	7063231
CIELab	74.37, -28.88, -4.95
CIELCh	74, 29.302, 189.720
Yxy	47.2756, 0.2557, 0.3390
Android (android.graphics.Color)	4285253311 (0xFF6BC6BF)
YUV	169.9930, 10.3565, -55.2449
Hunter-Lab	68.7572, -27.7447, -0.6213

Details

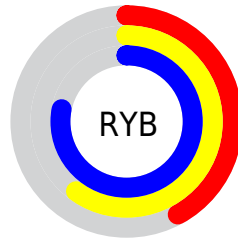
The RGB color **107, 198, 191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **198, 107, 114**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **164, 255, 247**, and **48, 144, 138** is the 20% darker color. If you saturate the color by 10%, you get **87, 198, 189**, and if you desaturate by 10%, it is **127, 198, 193**.

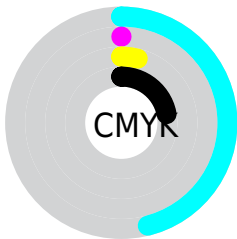
Distribution



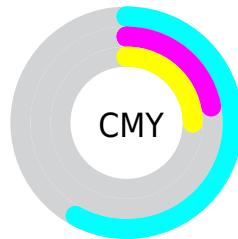
- Red (42%)
- Green (78%)
- Blue (75%)



- Red (42%)
- Yellow (60%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 198, 191 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, 198, 191 by changing the saturation by 10% instead.

 107, 198, 191

255, 255, 255


 164, 255, 247


 192, 255, 255


 222, 255, 255

 251, 255, 255

 107, 198, 191

 78, 171, 164

 48, 144, 138

 1, 118, 112


 0, 93, 88


 0, 69, 65

 0, 46, 43

 0, 25, 22

 0, 0, 0

 107, 198, 191

 107, 198, 191

■ 87, 198, 189

■ 127, 198, 193

■ 67, 198, 188

■ 147, 198, 194

■ 48, 198, 186

■ 166, 198, 196

■ 28, 198, 185

■ 186, 198, 197

■ 8, 198, 183

■ 206, 198, 199

■ 0, 198, 183

■ 226, 198, 200

■ 246, 198, 202

■ 255, 198, 203

■ 255, 198, 205

Harmonies

Analogous

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



133, 196, 163



107, 198, 191



101, 196, 216

Triad

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



107, 198, 191



198, 173, 224



218, 175, 133

Complementary

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



107, 198, 191



198, 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.



234, 167, 150



107, 198, 191



225, 165, 202

Square

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



107, 198, 191



161, 182, 236



237, 163, 175



193, 184, 130

Rectangle

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



107, 198, 191



114, 193, 229



237, 163, 175



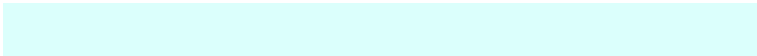
225, 172, 137

Sweetspot

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



107, 198, 191



219, 255, 252



115, 198, 107



106, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



107, 198, 191



115, 255, 244



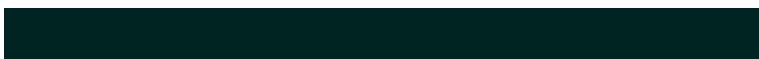
107, 160, 198



90, 99, 99



0, 163, 151



0, 36, 33

Inverse Universe

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



198, 107, 114



255, 115, 126



198, 145, 107



99, 90, 90



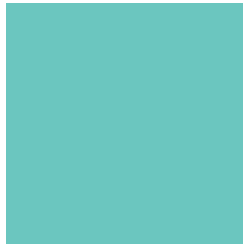
163, 0, 13



36, 0, 3

Previews

White Background



This preview shows how the RGB color 107, 198, 191 looks on a white background.

Color Contrast Check

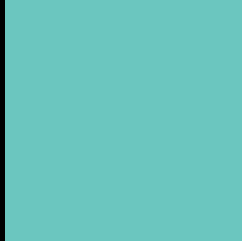
Large Text (above 18pt) WCAG AA × Fail

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, 198, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

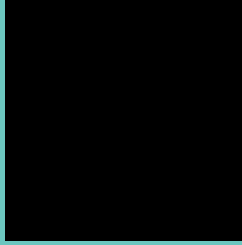
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

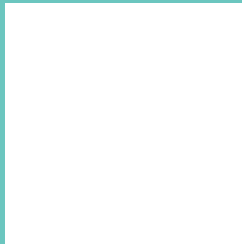
Any Text WCAG AAA ✓ Pass

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

RGB 107, 198, 191 Background



This preview shows how black text looks on a background with the RGB color 107, 198, 191.

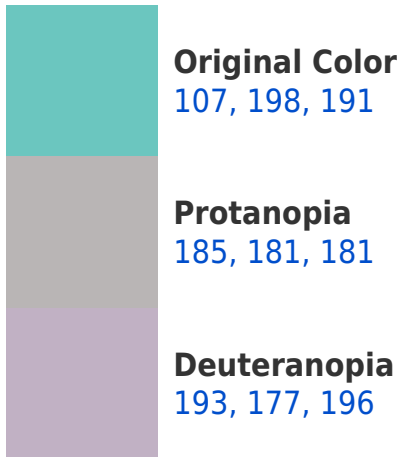


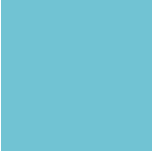
This preview shows how white text looks on a background with the RGB color 107, 198, 191.

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, 195, 211

Trichromacy



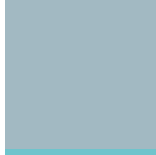
Original Color

107, 198, 191



Protanomaly

157, 187, 185



Deuteranomaly

162, 185, 194



Tritanomaly

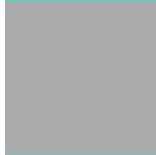
111, 196, 204

Monochromacy



Original Color

107, 198, 191



Achromatopsia

170, 170, 170



Achromatomaly

147, 180, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 198, 191 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, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(107, 198, 191)  
}
```

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, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 198, 191) }
```

Border

The CSS property to change the border of an element to RGB 107, 198, 191 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, 198, 191) }
```

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

```
.border{ border-color:rgb(107, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(107, 198,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 107, 198, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 198, 191) }
```

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

```
.background{ background-color: rgb(107,  
198, 191) }
```

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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