

Converting Colors

RGB(107, 191, 183)

Have a look what the booklet for
RGB(107, 191, 183) contains.

RGB(107, 191, 183)	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, 191, 183)

Conversions

Conversions Part 1

Format	Color
Hex	6BBFB7
RGB	107, 191, 183
RGB Percent	42%, 75%, 72%
CMY	0.5804, 0.2510, 0.2824
CMYK	0.44, 0.00, 0.04, 0.25
HSL	174°, 40%, 58%
HSV	174°, 44%, 75%
XYZ	33.2414, 43.8063, 51.5032
YIQ	164.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

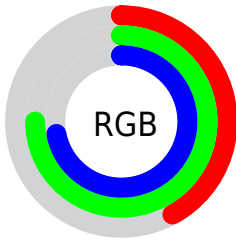
Format	Color
RYB	107, 151, 191
Decimal	7061431
CIELab	72.10, -27.46, -3.94
CIELCh	72, 27.740, 188.159
Yxy	43.8063, 0.2586, 0.3408
Android (android.graphics.Color)	4285251511 (0xFF6BBFB7)
YUV	164.9720, 8.8878, -50.8414
Hunter-Lab	66.1863, -26.1762, 0.1936

Details

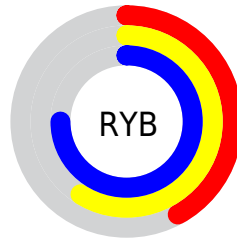
The RGB color **107, 191, 183** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **191, 107, 115**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **163, 248, 239**, and **50, 137, 130** is the 20% darker color. If you saturate the color by 10%, you get **88, 191, 181**, and if you desaturate by 10%, it is **126, 191, 185**.

Distribution



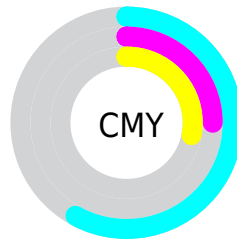
- Red (42%)
- Green (75%)
- Blue (72%)



- Red (42%)
- Yellow (59%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)




- Cyan (58%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 191, 183 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, 191, 183 by changing the saturation by 10% instead.

 107, 191, 183

255, 255, 255


 163, 248, 239


 191, 255, 255


 220, 255, 255

 250, 255, 255

 107, 191, 183

 79, 164, 156

 50, 137, 130

 11, 111, 105


 0, 87, 81

 0, 63, 58

 0, 40, 37

 0, 14, 16

 0, 0, 0

 107, 191, 183

 107, 191, 183

■ 88, 191, 181

■ 126, 191, 185

■ 69, 191, 179

■ 145, 191, 187

■ 50, 191, 178

■ 164, 191, 188

■ 31, 191, 176

■ 183, 191, 190

■ 12, 191, 174

■ 203, 191, 192

■ 0, 191, 173

■ 222, 191, 194

■ 241, 191, 196

■ 255, 191, 198

■ 255, 191, 199

Harmonies

Analogous

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



131, 189, 157



107, 191, 183



100, 189, 207

Triad

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



107, 191, 183



189, 168, 217



211, 169, 130

Complementary

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



107, 191, 183



191, 107, 115

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.



225, 161, 147



107, 191, 183



215, 161, 196

Square

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



107, 191, 183



155, 177, 227



227, 158, 171



188, 177, 126

Rectangle

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



107, 191, 183



111, 186, 219



227, 158, 171



217, 166, 135

Sweetspot

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



107, 191, 183



215, 247, 244



115, 191, 107



105, 125, 123



252, 252, 252



125, 125, 125

Same Dimension

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



107, 191, 183



116, 247, 235



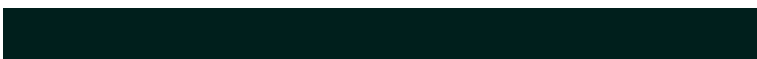
107, 157, 191



85, 94, 93



0, 158, 143



0, 31, 28

Inverse Universe

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



191, 107, 115



247, 116, 129



191, 141, 107



94, 85, 86



158, 0, 15



31, 0, 3

Previews

White Background



This preview shows how the RGB color 107, 191, 183 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, 191, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

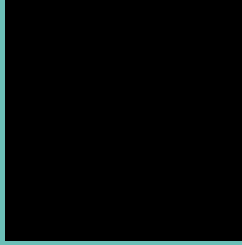
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

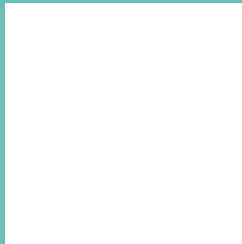
Any Text WCAG AAA ✓ Pass

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

RGB 107, 191, 183 Background



This preview shows how black text looks on a background with the RGB color 107, 191, 183.

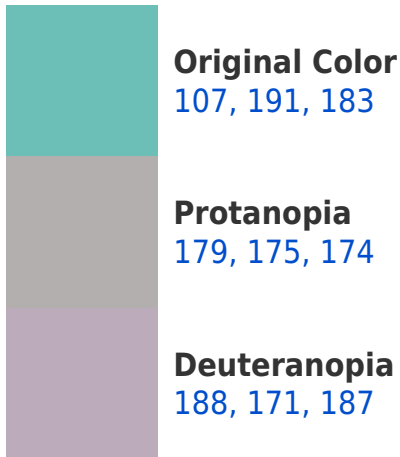


This preview shows how white text looks on a background with the RGB color 107, 191, 183.

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, 188, 203

Trichromacy



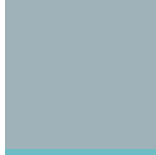
Original Color

107, 191, 183



Protanomaly

153, 181, 177



Deuteranomaly

159, 178, 186



Tritanomaly

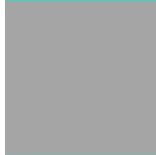
111, 189, 196

Monochromacy



Original Color

107, 191, 183



Achromatopsia

165, 165, 165



Achromatomaly

144, 174, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 191, 183 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, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(107, 191, 183)  
}
```

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, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 191, 183) }
```

Border

The CSS property to change the border of an element to RGB 107, 191, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

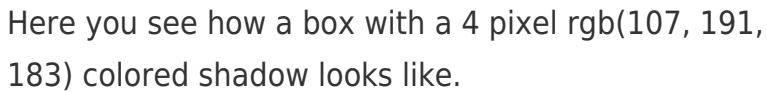
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 191, 183) }
```

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

```
.border{ border-color:rgb(107, 191, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(107, 191,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 107, 191, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 191, 183) }
```

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

```
.background{ background-color: rgb(107,  
191, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor