

Converting Colors

RGB(107, 204, 212)

Have a look what the booklet for
RGB(107, 204, 212) contains.

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Color

RGB(107, 204, 212)

Conversions

Conversions Part 1

Format	Color
Hex	6BCCD4
RGB	107, 204, 212
RGB Percent	42%, 80%, 83%
CMY	0.5804, 0.2000, 0.1686
CMYK	0.50, 0.04, 0.00, 0.17
HSL	185°, 55%, 63%
HSV	185°, 50%, 83%
XYZ	39.5399, 51.0650, 70.0599
YIQ	175.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

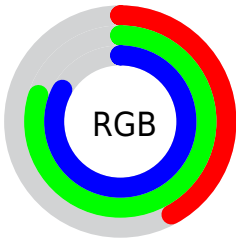
Format	Color
RYB	107, 157, 212
Decimal	7064788
CIELab	76.72, -26.40, -12.80
CIELCh	77, 29.337, 205.877
Yxy	51.0650, 0.2461, 0.3178
Android (android.graphics.Color)	4285254868 (0xFF6BCCD4)
YUV	175.9090, 17.7929, -60.4332
Hunter-Lab	71.4598, -26.2875, -8.1067

Details

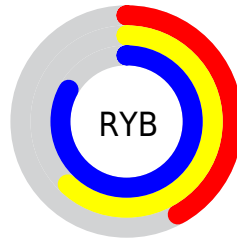
The RGB color **107, 204, 212** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **212, 115, 107**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **165, 255, 255**, and **44, 150, 157** is the 20% darker color. If you saturate the color by 10%, you get **86, 202, 212**, and if you desaturate by 10%, it is **128, 206, 212**.

Distribution



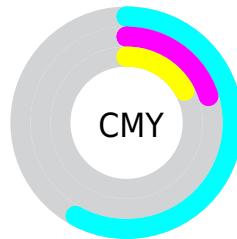
- Red (42%)
- Green (80%)
- Blue (83%)



- Red (42%)
- Yellow (62%)
- Blue (83%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 204, 212 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, 212 by changing the saturation by 10% instead.

 107, 204, 212

255, 255, 255


 165, 255, 255


 194, 255, 255


 224, 255, 255

254, 255, 255

 107, 204, 212

 77, 176, 184

 44, 150, 157

 0, 123, 131

 0, 98, 106

 0, 74, 82

 0, 51, 59

 0, 32, 37

 0, 1, 16

 0, 0, 0

 107, 204, 212


 107, 204, 212

 86, 202, 212


 128, 206, 212

 65, 201, 212

 149, 207, 212

 43, 199, 212

 171, 209, 212

 22, 198, 212

 192, 210, 212

 1, 196, 212

 213, 212, 212

 0, 196, 212

 234, 214, 212

 255, 215, 212

 255, 217, 212

 255, 219, 212

Harmonies

Analogous

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



124, 204, 184



107, 204, 212



117, 200, 233

Triad

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



107, 204, 212



221, 175, 220



212, 186, 135

Complementary

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



107, 204, 212



212, 115, 107

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, 177, 145



107, 204, 212



240, 170, 194

Square

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



107, 204, 212



188, 184, 238



244, 171, 167



184, 195, 140

Rectangle

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



107, 204, 212



137, 196, 241



244, 171, 167



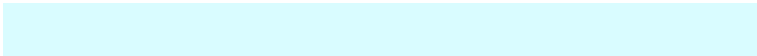
221, 183, 137

Sweetspot

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



107, 204, 212



217, 252, 255



107, 212, 114



105, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 204, 212



105, 244, 255



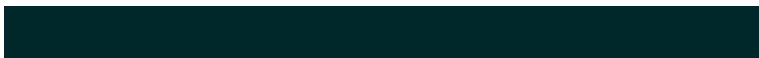
107, 153, 212



96, 106, 107



0, 158, 171



0, 40, 43

Inverse Universe

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



212, 107, 204



255, 105, 244



212, 167, 107



107, 96, 106



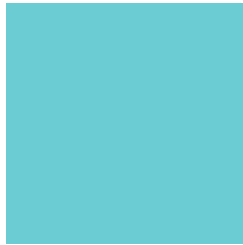
171, 0, 158



43, 0, 40

Previews

White Background



This preview shows how the RGB color 107, 204, 212 looks on a white background.

Color Contrast Check

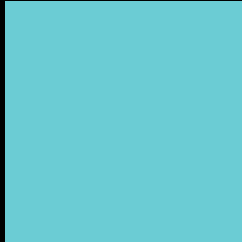
Large Text (above 18pt) WCAG AA × Fail

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, 212 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, 212 Background



This preview shows how black text looks on a background with the RGB color 107, 204, 212.

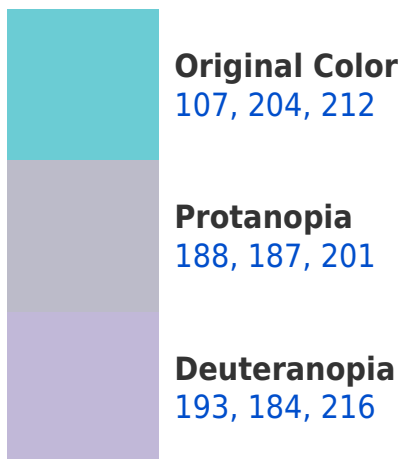


This preview shows how white text looks on a background with the RGB color 107, 204, 212.

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
109, 203, 219

Trichromacy



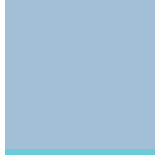
Original Color

107, 204, 212



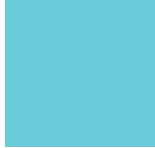
Protanomaly

159, 193, 205



Deuteranomaly

162, 191, 215



Tritanomaly

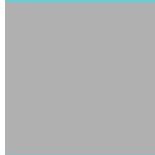
108, 203, 216

Monochromacy



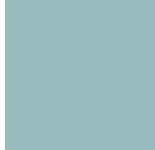
Original Color

107, 204, 212



Achromatopsia

176, 176, 176



Achromatomaly

151, 186, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 204, 212 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(107, 204, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 204, 212) }
```

Border

The CSS property to change the border of an element to RGB 107, 204, 212 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, 212) }
```

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

```
.border{ border-color:rgb(107, 204, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(107, 204,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 107, 204, 212 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, 212) }
```

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

```
.background{ background-color: rgb(107,  
204, 212) }
```

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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