

Converting Colors

RGB(107, 206, 194)

Have a look what the booklet for
RGB(107, 206, 194) contains.

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Color

RGB(107, 206, 194)

Conversions

Conversions Part 1

Format	Color
Hex	6BCEC2
RGB	107, 206, 194
RGB Percent	42%, 81%, 76%
CMY	0.5804, 0.1922, 0.2392
CMYK	0.48, 0.00, 0.06, 0.19
HSL	173°, 50%, 61%
HSV	173°, 48%, 81%
XYZ	37.8723, 51.1635, 58.9184
YIQ	175.0310, -55.1520, -24.7200

Conversions

Conversions Part 2

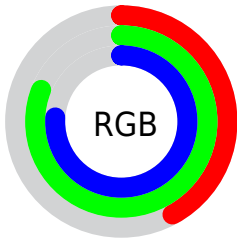
Format	Color
RYB	107, 160, 206
Decimal	7065282
CIELab	76.78, -31.98, -3.02
CIElCh	77, 32.117, 185.387
Yxy	51.1635, 0.2560, 0.3458
Android (android.graphics.Color)	4285255362 (0xFF6BCEC2)
YUV	175.0310, 9.3517, -59.6632
Hunter-Lab	71.5286, -30.6646, 1.2327

Details

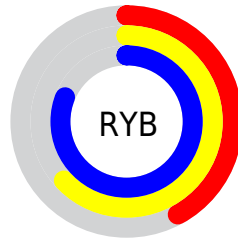
The RGB color **107, 206, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **206, 107, 119**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **164, 255, 250**, and **46, 151, 141** is the 20% darker color. If you saturate the color by 10%, you get **86, 206, 192**, and if you desaturate by 10%, it is **128, 206, 196**.

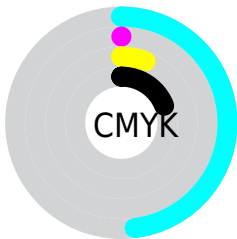
Distribution



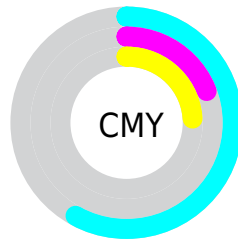
- Red (42%)
- Green (81%)
- Blue (76%)



- Red (42%)
- Yellow (63%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 206, 194 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, 206, 194 by changing the saturation by 10% instead.

 107, 206, 194

255, 255, 255


 164, 255, 250


 193, 255, 255

 223, 255, 255


 252, 255, 255

 107, 206, 194

 78, 178, 167

 46, 151, 141


 0, 125, 115

 0, 100, 91

 0, 75, 67

 0, 52, 45

 0, 32, 24

 0, 0, 0

 107, 206, 194

 107, 206, 194

■ 86, 206, 192

■ 128, 206, 196

■ 66, 206, 189

■ 148, 206, 199

■ 45, 206, 187

■ 169, 206, 201

■ 25, 206, 184

■ 189, 206, 204

■ 4, 206, 182

■ 210, 206, 206

■ 0, 206, 181

■ 231, 206, 209

■ 251, 206, 211

■ 255, 206, 214

■ 255, 206, 216

Harmonies

Analogous

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



138, 204, 164



107, 206, 194



95, 205, 223

Triad

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



107, 206, 194



201, 180, 238



231, 179, 136

Complementary

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



107, 206, 194



206, 107, 119

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.



247, 171, 156



107, 206, 194



232, 171, 215

Square

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



107, 206, 194



159, 190, 248



248, 167, 185



205, 189, 130

Rectangle

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



107, 206, 194



106, 201, 237



248, 167, 185



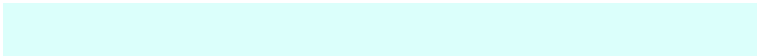
238, 176, 142

Sweetspot

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



107, 206, 194



219, 255, 251



120, 206, 107



106, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



107, 206, 194



107, 255, 237



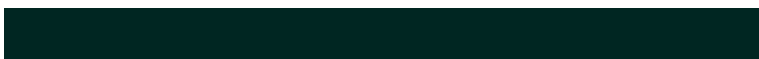
107, 170, 206



92, 102, 101



0, 166, 146



0, 38, 34

Inverse Universe

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



206, 107, 119



255, 107, 125



206, 143, 107



102, 92, 93



166, 0, 20



38, 0, 5

Previews

White Background



This preview shows how the RGB color 107, 206, 194 looks on a white background.

Color Contrast Check

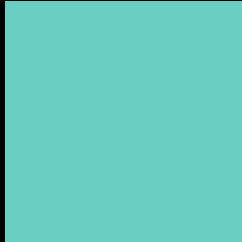
Large Text (above 18pt) WCAG AA × Fail

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, 206, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

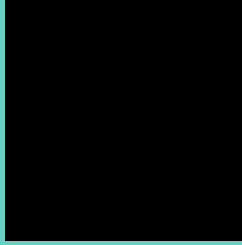
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

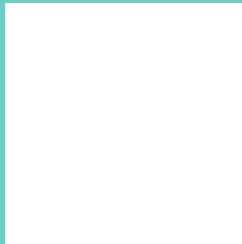
Any Text WCAG AAA ✓ Pass

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

RGB 107, 206, 194 Background



This preview shows how black text looks on a background with the RGB color 107, 206, 194.

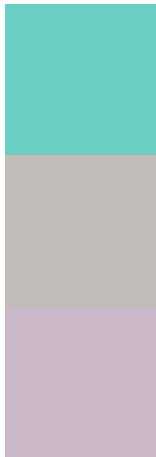


This preview shows how white text looks on a background with the RGB color 107, 206, 194.

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



Original Color
107, 206, 194

Protanopia
193, 188, 183

Deuteranopia
202, 183, 199



Tritanopia
115, 202, 219

Trichromacy



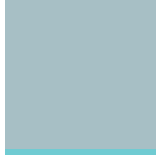
Original Color

107, 206, 194



Protanomaly

162, 195, 187



Deuteranomaly

167, 191, 197



Tritanomaly

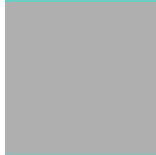
112, 203, 210

Monochromacy



Original Color

107, 206, 194



Achromatopsia

175, 175, 175



Achromatomaly

150, 186, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 206, 194 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, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(107, 206, 194)  
}
```

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, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 206, 194) }
```

Border

The CSS property to change the border of an element to RGB 107, 206, 194 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, 206, 194) }
```

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

```
.border{ border-color:rgb(107, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 206, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 206, 194); box-shadow:4px 4px 4px 4px rgb(107, 206, 194) }
```

Background

The CSS property to change the background color of an element to RGB 107, 206, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 206, 194) }
```

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

```
.background{ background-color: rgb(107,  
206, 194) }
```

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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