

Converting Colors

RGB(120, 197, 198)

Have a look what the booklet for
RGB(120, 197, 198) contains.

RGB(120, 197, 198)	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(120, 197, 198)

Conversions

Conversions Part 1

Format	Color
Hex	78C5C6
RGB	120, 197, 198
RGB Percent	47%, 77%, 78%
CMY	0.5294, 0.2275, 0.2235
CMYK	0.39, 0.01, 0.00, 0.22
HSL	181°, 41%, 62%
HSV	181°, 39%, 78%
XYZ	37.9050, 48.0028, 60.6937
YIQ	174.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

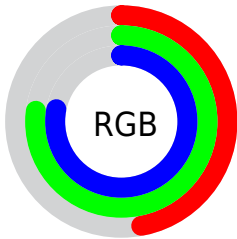
Format	Color
RYB	120, 159, 198
Decimal	7914950
CIELab	74.83, -23.46, -8.00
CIELCh	75, 24.786, 198.831
Yxy	48.0028, 0.2586, 0.3274
Android (android.graphics.Color)	4286105030 (0xFF78C5C6)
YUV	174.0910, 11.7871, -47.4378
Hunter-Lab	69.2840, -23.5904, -3.4400

Details

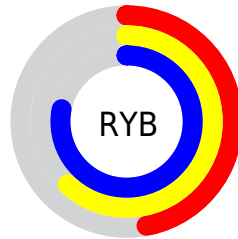
The RGB color **120, 197, 198** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **198, 121, 120**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **176, 254, 255**, and **65, 143, 144** is the 20% darker color. If you saturate the color by 10%, you get **100, 197, 198**, and if you desaturate by 10%, it is **140, 197, 198**.

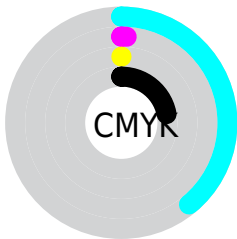
Distribution



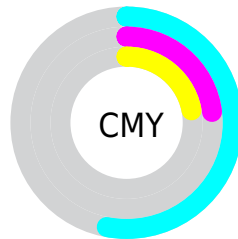
- Red (47%)
- Green (77%)
- Blue (78%)



- Red (47%)
- Yellow (62%)
- Blue (78%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 197, 198 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 120, 197, 198 by changing the saturation by 10% instead.

 120, 197, 198


255, 255, 255


 176, 254, 255


 205, 255, 255

 234, 255, 255

 120, 197, 198

 92, 170, 171

 65, 143, 144

 34, 117, 119

 0, 92, 94

 0, 68, 70

 0, 46, 48

 0, 26, 27

 0, 0, 0

 120, 197, 198

 120, 197, 198

100, 197, 198

140, 197, 198

80, 196, 198

160, 198, 198

61, 196, 198

179, 198, 198

41, 196, 198

199, 198, 198

21, 196, 198

219, 198, 198

1, 195, 198

239, 199, 198

0, 195, 198

255, 199, 198

255, 199, 198

255, 199, 198

Harmonies

Analogous

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



136, 197, 175



120, 197, 198



123, 194, 218

Triad

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



120, 197, 198



205, 174, 214



209, 180, 140

Complementary

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



120, 197, 198



198, 121, 120

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, 173, 151



120, 197, 198



224, 169, 194

Square

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



120, 197, 198



177, 181, 227



231, 168, 170



186, 187, 141

Rectangle

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



120, 197, 198



136, 191, 226



231, 168, 170



215, 177, 142

Sweetspot

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



120, 197, 198



224, 255, 255



120, 198, 120



110, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 197, 198



135, 253, 255



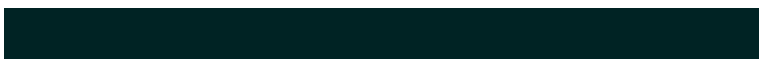
120, 159, 198



90, 99, 99



0, 161, 163



0, 35, 36

Inverse Universe

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



198, 120, 197



255, 135, 253



198, 159, 120



99, 90, 99



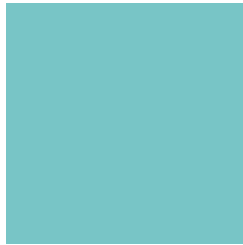
163, 0, 161



36, 0, 35

Previews

White Background



This preview shows how the RGB color 120, 197, 198 looks on a white background.

Color Contrast Check

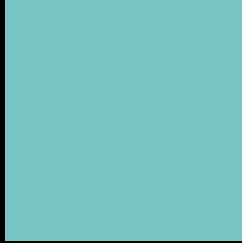
Large Text (above 18pt) WCAG AA × Fail

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 120, 197, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

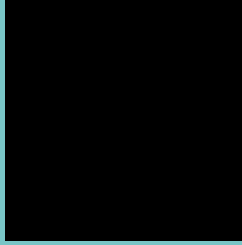
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

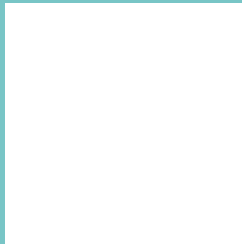
Any Text WCAG AAA ✓ Pass

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

RGB 120, 197, 198 Background



This preview shows how black text looks on a background with the RGB color 120, 197, 198.



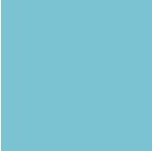
This preview shows how white text looks on a background with the RGB color 120, 197, 198.

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
123, 195, 211

Trichromacy



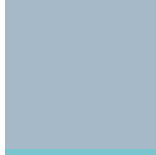
Original Color

120, 197, 198



Protanomaly

161, 187, 192



Deuteranomaly

166, 185, 201



Tritanomaly

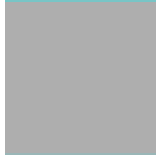
122, 196, 206

Monochromacy



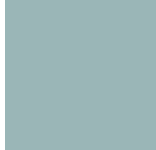
Original Color

120, 197, 198



Achromatopsia

174, 174, 174



Achromatomaly

154, 182, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 197, 198 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(120, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(120, 197, 198)  
}
```

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(120, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 197, 198) }
```

Border

The CSS property to change the border of an element to RGB 120, 197, 198 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(120, 197, 198) }
```

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

```
.border{ border-color:rgb(120, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 197, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 197, 198); box-shadow:4px 4px 4px 4px rgb(120, 197, 198) }
```

Background

The CSS property to change the background color of an element to RGB 120, 197, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 197, 198) }
```

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

```
.background{ background-color: rgb(120,  
197, 198) }
```

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