

Converting Colors

RGB(120, 198, 184)

Have a look what the booklet for
RGB(120, 198, 184) contains.

RGB(120, 198, 184)	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, 198, 184)

Conversions

Conversions Part 1

Format	Color
Hex	78C6B8
RGB	120, 198, 184
RGB Percent	47%, 78%, 72%
CMY	0.5294, 0.2235, 0.2784
CMYK	0.39, 0.00, 0.07, 0.22
HSL	169°, 41%, 62%
HSV	169°, 39%, 78%
XYZ	36.5915, 47.8419, 52.6532
YIQ	173.0820, -41.9940, -20.8900

Conversions

Conversions Part 2

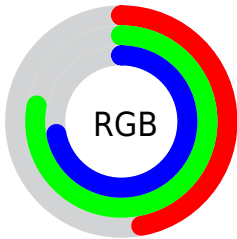
Format	Color
RYB	120, 163, 198
Decimal	7915192
CIELab	74.73, -27.32, -0.56
CIELCh	75, 27.328, 181.174
Yxy	47.8419, 0.2669, 0.3490
Android (android.graphics.Color)	4286105272 (0xFF78C6B8)
YUV	173.0820, 5.3826, -46.5529
Hunter-Lab	69.1679, -26.6128, 3.2837

Details

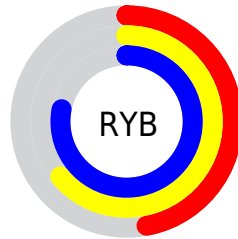
The RGB color **120, 198, 184** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **198, 120, 134**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **175, 255, 240**, and **65, 144, 131** is the 20% darker color. If you saturate the color by 10%, you get **100, 198, 180**, and if you desaturate by 10%, it is **140, 198, 188**.

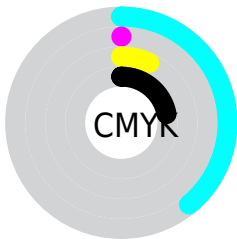
Distribution



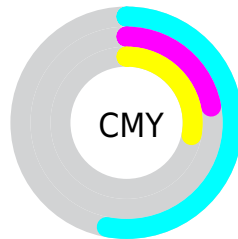
- Red (47%)
- Green (78%)
- Blue (72%)



- Red (47%)
- Yellow (64%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 198, 184 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, 198, 184 by changing the saturation by 10% instead.


 120, 198, 184


255, 255, 255


 175, 255, 240


 204, 255, 255

 233, 255, 255

 120, 198, 184

 93, 171, 157

 65, 144, 131

 36, 118, 106

 0, 93, 82


 0, 69, 59

 0, 46, 37

 0, 26, 16

 0, 0, 0

 120, 198, 184

 120, 198, 184

■ 100, 198, 180

■ 140, 198, 188

■ 80, 198, 177

■ 160, 198, 191

■ 61, 198, 173

■ 179, 198, 195

■ 41, 198, 170

■ 199, 198, 198

■ 21, 198, 166

■ 219, 198, 202

■ 1, 198, 163

■ 239, 198, 205

■ 0, 198, 162

■ 255, 198, 209

■ 255, 198, 212

■ 255, 198, 216

Harmonies

Analogous

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



145, 196, 159



120, 198, 184



109, 197, 209

Triad

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



120, 198, 184



189, 177, 227



223, 174, 141

Complementary

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



120, 198, 184



198, 120, 134

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, 168, 159



120, 198, 184



217, 169, 209

Square

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



120, 198, 184



154, 186, 234



233, 166, 184



201, 183, 134

Rectangle

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



120, 198, 184



115, 195, 222



233, 166, 184



228, 172, 146

Sweetspot

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



120, 198, 184



224, 255, 250



134, 198, 120



110, 128, 124



0, 0, 0



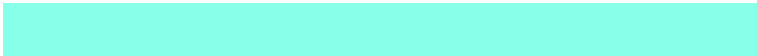
128, 128, 128

Same Dimension

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



120, 198, 184



135, 255, 233



120, 173, 198



90, 99, 98



0, 163, 134



0, 36, 29

Inverse Universe

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



198, 120, 134



255, 135, 157



198, 145, 120



99, 90, 91



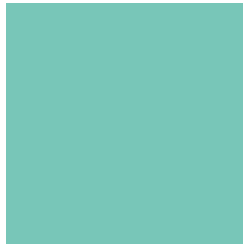
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RGB color 120, 198, 184 looks on a white background.

Color Contrast Check

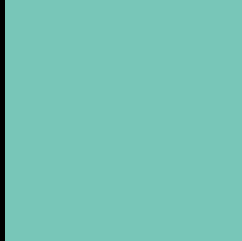
Large Text (above 18pt) WCAG AA × Fail

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, 198, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

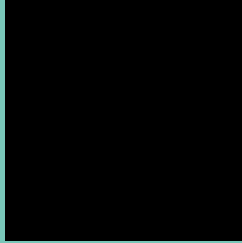
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

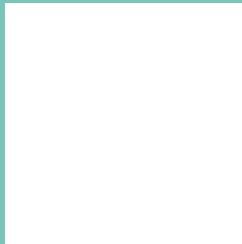
Any Text WCAG AAA ✓ Pass

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

RGB 120, 198, 184 Background



This preview shows how black text looks on a background with the RGB color 120, 198, 184.

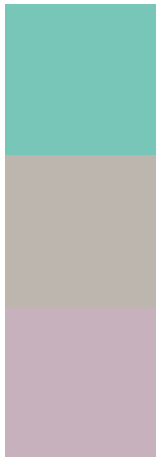


This preview shows how white text looks on a background with the RGB color 120, 198, 184.

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
120, 198, 184

Protanopia
188, 182, 175

Deuteranopia
198, 177, 188



Tritanopia
127, 194, 210

Trichromacy



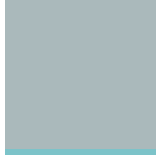
Original Color

120, 198, 184



Protanomaly

163, 188, 178



Deuteranomaly

170, 185, 187



Tritanomaly

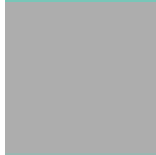
124, 195, 201

Monochromacy



Original Color

120, 198, 184



Achromatopsia

173, 173, 173



Achromatomaly

154, 182, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 198, 184 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, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(120, 198, 184)  
}
```

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, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 198, 184) }
```

Border

The CSS property to change the border of an element to RGB 120, 198, 184 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, 198, 184) }
```

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

```
.border{ border-color:rgb(120, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(120, 198,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 120, 198, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 198, 184) }
```

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

```
.background{ background-color: rgb(120,  
198, 184) }
```

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