

Converting Colors

RGB(120, 208, 182)

Have a look what the booklet for
RGB(120, 208, 182) contains.

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Color

RGB(120, 208, 182)

Conversions

Conversions Part 1

Format	Color
Hex	78D0B6
RGB	120, 208, 182
RGB Percent	47%, 82%, 71%
CMY	0.5294, 0.1843, 0.2863
CMYK	0.42, 0.00, 0.12, 0.18
HSL	162°, 48%, 64%
HSV	162°, 42%, 82%
XYZ	38.7451, 52.4822, 52.3440
YIQ	178.7240, -44.1020, -26.7420

Conversions

Conversions Part 2

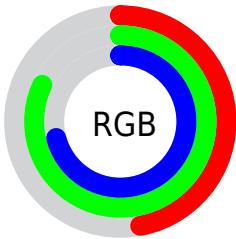
Format	Color
RYB	120, 172, 208
Decimal	7917750
CIELab	77.57, -32.58, 4.65
CIELCh	78, 32.907, 171.877
Yxy	52.4822, 0.2699, 0.3655
Android (android.graphics.Color)	4286107830 (0xFF78D0B6)
YUV	178.7240, 1.6151, -51.5009
Hunter-Lab	72.4446, -31.3120, 7.8720

Details

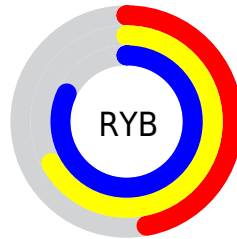
The RGB color **120, 208, 182** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **208, 120, 146**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **176, 255, 238**, and **64, 153, 129** is the 20% darker color. If you saturate the color by 10%, you get **99, 208, 176**, and if you desaturate by 10%, it is **141, 208, 188**.

Distribution



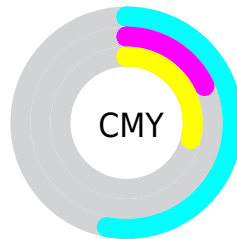
- Red (47%)
- Green (82%)
- Blue (71%)



- Red (47%)
- Yellow (67%)
- Blue (82%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (53%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 208, 182 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, 208, 182 by changing the saturation by 10% instead.

 120, 208, 182


255, 255, 255


 176, 255, 238


 205, 255, 255


 234, 255, 255

 120, 208, 182

 92, 180, 155

 64, 153, 129

 33, 127, 104

 0, 101, 80

 0, 77, 57

 0, 53, 36

 0, 34, 14

 0, 0, 0

 120, 208, 182

 120, 208, 182

■ 99, 208, 176

■ 141, 208, 188

■ 78, 208, 170

■ 162, 208, 194

■ 58, 208, 164

■ 182, 208, 200

■ 37, 208, 157

■ 203, 208, 207

■ 16, 208, 151

■ 224, 208, 213

■ 0, 208, 147

■ 245, 208, 219

■ 255, 208, 225

■ 255, 208, 231

■ 255, 208, 237

Harmonies

Analogous

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



155, 204, 153



120, 208, 182



95, 208, 213

Triad

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



120, 208, 182



185, 187, 248



243, 177, 145

Complementary

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



120, 208, 182



208, 120, 146

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.



253, 170, 170



120, 208, 182



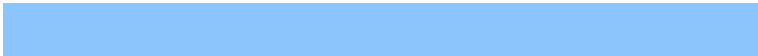
223, 176, 230

Square

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



120, 208, 182



139, 197, 251



246, 170, 201



221, 187, 131

Rectangle

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



120, 208, 182



95, 206, 231



246, 170, 201



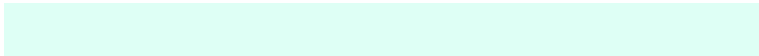
248, 174, 152

Sweetspot

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



120, 208, 182



222, 255, 245



146, 208, 120



107, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



120, 208, 182



125, 255, 217



120, 190, 208



94, 105, 101



0, 168, 119



0, 41, 29

Inverse Universe

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



208, 120, 146



255, 125, 163



208, 138, 120



105, 94, 97



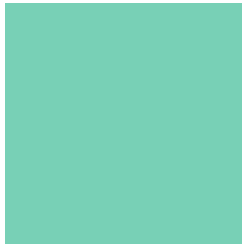
168, 0, 50



41, 0, 12

Previews

White Background



This preview shows how the RGB color 120, 208, 182 looks on a white background.

Color Contrast Check

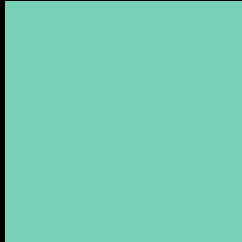
Large Text (above 18pt) WCAG AA × Fail

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, 208, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

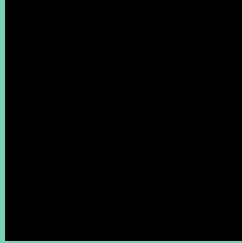
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

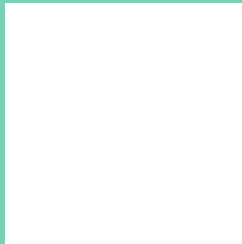
Any Text WCAG AAA ✓ Pass

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

RGB 120, 208, 182 Background



This preview shows how black text looks on a background with the RGB color 120, 208, 182.

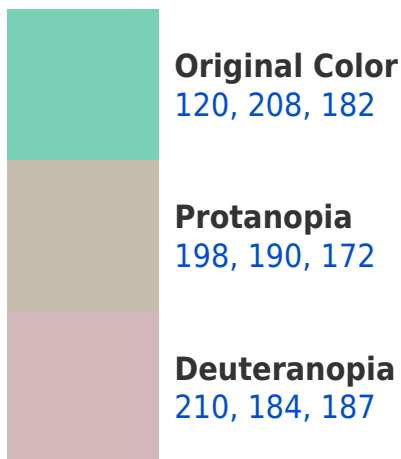


This preview shows how white text looks on a background with the RGB color 120, 208, 182.

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
130, 203, 219

Trichromacy



Original Color

120, 208, 182



Protanomaly

170, 197, 176



Deuteranomaly

177, 193, 185



Tritanomaly

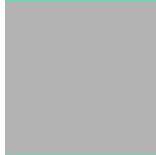
126, 205, 206

Monochromacy



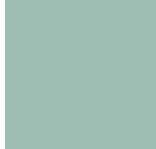
Original Color

120, 208, 182



Achromatopsia

179, 179, 179



Achromatomaly

158, 190, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 208, 182 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, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(120, 208, 182)  
}
```

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, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 208, 182) }
```

Border

The CSS property to change the border of an element to RGB 120, 208, 182 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, 208, 182) }
```

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

```
.border{ border-color:rgb(120, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 208, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 208, 182); box-shadow:4px 4px 4px 4px rgb(120, 208, 182) }
```

Background

The CSS property to change the background color of an element to RGB 120, 208, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 208, 182) }
```

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

```
.background{ background-color: rgb(120,  
208, 182) }
```

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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