

Converting Colors

RGB(123, 186, 178)

Have a look what the booklet for
RGB(123, 186, 178) contains.

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Color

RGB(123, 186, 178)

Conversions

Conversions Part 1

Format	Color
Hex	7BBAB2
RGB	123, 186, 178
RGB Percent	48%, 73%, 70%
CMY	0.5176, 0.2706, 0.3020
CMYK	0.34, 0.00, 0.04, 0.27
HSL	172°, 31%, 61%
HSV	172°, 34%, 73%
XYZ	33.7632, 42.5431, 48.5516
YIQ	166.2510, -34.9800, -15.8440

Conversions

Conversions Part 2

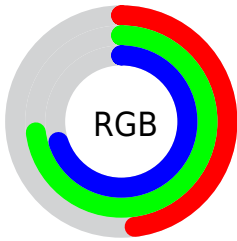
Format	Color
R _Y B	123, 157, 186
Decimal	8108722
CIE Lab	71.24, -21.94, -2.38
CIE LCh	71, 22.069, 186.179
Yxy	42.5431, 0.2704, 0.3407
Android (android.graphics.Color)	4286298802 (0xFF7BBAB2)
YUV	166.2510, 5.7923, -37.9311
Hunter-Lab	65.2251, -21.7450, 1.5238

Details

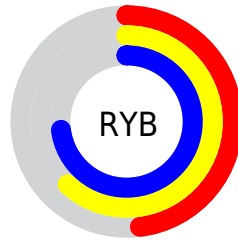
The RGB color **123, 186, 178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186, 123, 131**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **178, 242, 234**, and **70, 133, 125** is the 20% darker color. If you saturate the color by 10%, you get **104, 186, 176**, and if you desaturate by 10%, it is **142, 186, 180**.

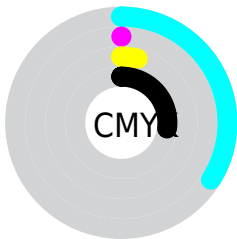
Distribution



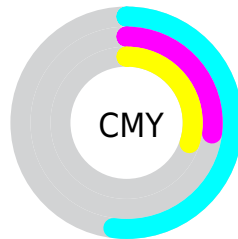
- Red (48%)
- Green (73%)
- Blue (70%)



- Red (48%)
- Yellow (62%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 186, 178 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 123, 186, 178 by changing the saturation by 10% instead.

 123, 186, 178


255, 255, 255

 178, 242, 234


 206, 255, 255

 235, 255, 255

 123, 186, 178

 97, 159, 151

 70, 133, 125

 44, 107, 101

 13, 83, 77

 0, 59, 54


 0, 37, 33

 0, 9, 10


 0, 0, 0


 123, 186, 178


 123, 186, 178

 104, 186, 176


 142, 186, 180

 86, 186, 173


 160, 186, 183

 67, 186, 171


 179, 186, 185

 49, 186, 169

 197, 186, 187

 30, 186, 166

 216, 186, 190

 11, 186, 164

 235, 186, 192

 0, 186, 162

 253, 186, 195

 255, 186, 197

 255, 186, 199

Harmonies

Analogous

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



140, 184, 158



123, 186, 178



118, 185, 197

Triad

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



123, 186, 178



183, 168, 207



204, 168, 138

Complementary

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



123, 186, 178



186, 123, 131

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.



214, 162, 152



123, 186, 178



204, 162, 191

Square

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



123, 186, 178



156, 175, 214



215, 160, 171



185, 174, 135

Rectangle

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



123, 186, 178



125, 182, 207



215, 160, 171



208, 166, 142

Sweetspot

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



123, 186, 178



218, 242, 239



131, 186, 123



108, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



123, 186, 178



143, 242, 230



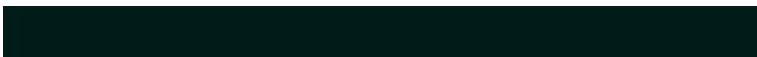
123, 163, 186



83, 92, 91



0, 156, 136



0, 28, 24

Inverse Universe

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



186, 123, 131



242, 143, 156



186, 146, 123



92, 83, 84



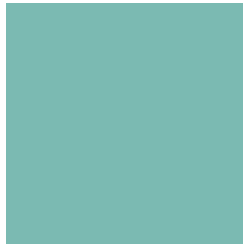
156, 0, 20



28, 0, 4

Previews

White Background



This preview shows how the RGB color 123, 186, 178 looks on a white background.

Color Contrast Check

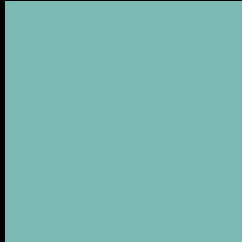
Large Text (above 18pt) WCAG AA × Fail

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 123, 186, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

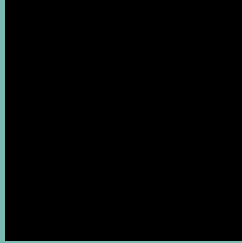
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

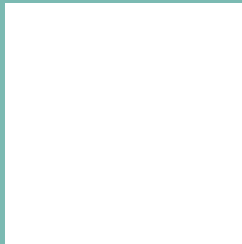
Any Text WCAG AAA ✓ Pass

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

RGB 123, 186, 178 Background



This preview shows how black text looks on a background with the RGB color 123, 186, 178.

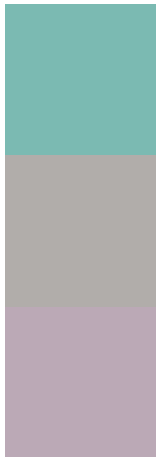


This preview shows how white text looks on a background with the RGB color 123, 186, 178.

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](#).

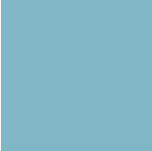
Dichromacy



Original Color
123, 186, 178

Protanopia
177, 173, 170

Deuteranopia
187, 169, 182



Tritanopia
128, 183, 198

Trichromacy



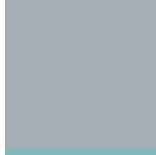
Original Color

123, 186, 178



Protanomaly

157, 178, 173



Deuteranomaly

164, 175, 181



Tritanomaly

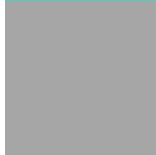
126, 184, 191

Monochromacy



Original Color

123, 186, 178



Achromatopsia

166, 166, 166



Achromatomaly

150, 173, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 186, 178 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(123, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(123, 186, 178)  
}
```

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(123, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 186, 178) }
```

Border

The CSS property to change the border of an element to RGB 123, 186, 178 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(123, 186, 178) }
```

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

```
.border{ border-color:rgb(123, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(123, 186,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 123, 186, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 186, 178) }
```

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

```
.background{ background-color: rgb(123,  
186, 178) }
```

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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