

Converting Colors

RGB(117, 198, 178)

Have a look what the booklet for
RGB(117, 198, 178) contains.

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Color

RGB(117, 198, 178)

Conversions

Conversions Part 1

Format	Color
Hex	75C6B2
RGB	117, 198, 178
RGB Percent	46%, 78%, 70%
CMY	0.5412, 0.2235, 0.3020
CMYK	0.41, 0.00, 0.10, 0.22
HSL	165°, 42%, 62%
HSV	165°, 41%, 78%
XYZ	35.5661, 47.3844, 49.3911
YIQ	171.5010, -41.8560, -23.3920

Conversions

Conversions Part 2

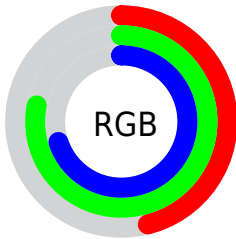
Format	Color
RYB	117, 163, 198
Decimal	7718578
CIELab	74.43, -29.50, 2.25
CIELCh	74, 29.588, 175.637
Yxy	47.3844, 0.2687, 0.3580
Android (android.graphics.Color)	4285908658 (0xFF75C6B2)
YUV	171.5010, 3.2040, -47.7974
Hunter-Lab	68.8363, -28.2370, 5.6440

Details

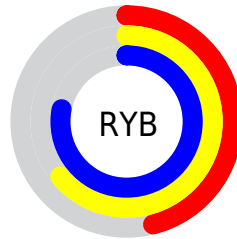
The RGB color **117, 198, 178** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **198, 117, 137**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **172, 255, 234**, and **62, 144, 125** is the 20% darker color. If you saturate the color by 10%, you get **97, 198, 173**, and if you desaturate by 10%, it is **137, 198, 183**.

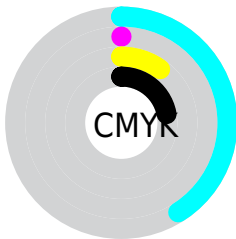
Distribution



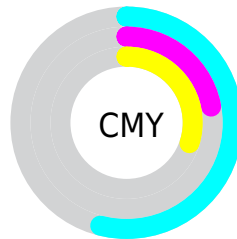
- Red (46%)
- Green (78%)
- Blue (70%)



- Red (46%)
- Yellow (64%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 198, 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 117, 198, 178 by changing the saturation by 10% instead.

 117, 198, 178


255, 255, 255


 172, 255, 234


 201, 255, 255

 230, 255, 255

 117, 198, 178

 90, 170, 151

 62, 144, 125

 32, 118, 101

 0, 93, 77

 0, 69, 54

 0, 46, 33

 0, 24, 10

 0, 0, 0

 117, 198, 178

 117, 198, 178

■ 97, 198, 173

■ 137, 198, 183

■ 77, 198, 168

■ 157, 198, 188

■ 58, 198, 163

■ 176, 198, 193

■ 38, 198, 158

■ 196, 198, 198

■ 18, 198, 154

■ 216, 198, 202

■ 0, 198, 149

■ 236, 198, 207

■ 255, 198, 212

■ 255, 198, 217

■ 255, 198, 222

Harmonies

Analogous

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



147, 195, 152



117, 198, 178



99, 198, 206

Triad

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



117, 198, 178



182, 178, 232



228, 171, 139

Complementary

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



117, 198, 178



198, 117, 137

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.



238, 164, 161



117, 198, 178



214, 169, 214

Square

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



117, 198, 178



143, 187, 237



234, 163, 188



206, 180, 129

Rectangle

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



117, 198, 178



102, 196, 221



234, 163, 188



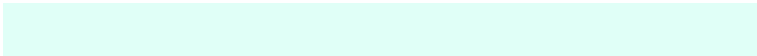
232, 168, 145

Sweetspot

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



117, 198, 178



224, 255, 247



137, 198, 117



110, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



117, 198, 178



130, 255, 224



117, 178, 198



90, 99, 97



0, 163, 123



0, 36, 27

Inverse Universe

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



198, 117, 137



255, 130, 161



198, 137, 117



99, 90, 92



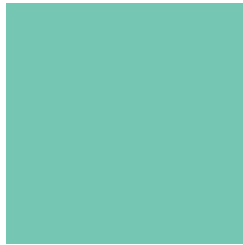
163, 0, 40



36, 0, 9

Previews

White Background



This preview shows how the RGB color 117, 198, 178 looks on a white background.

Color Contrast Check

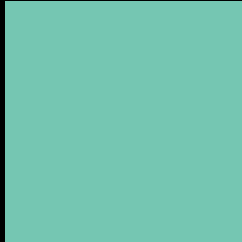
Large Text (above 18pt) WCAG AA × Fail

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 117, 198, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

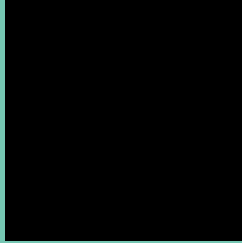
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

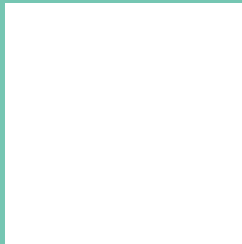
Any Text WCAG AAA ✓ Pass

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

RGB 117, 198, 178 Background



This preview shows how black text looks on a background with the RGB color 117, 198, 178.

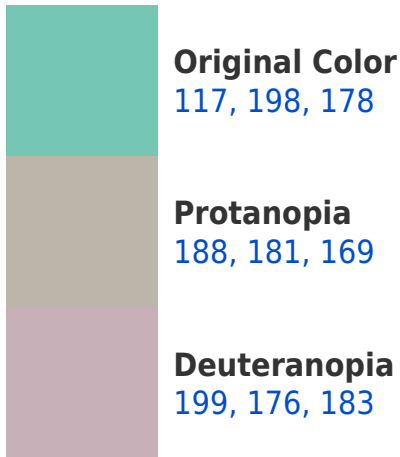


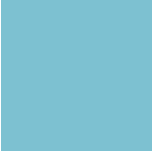
This preview shows how white text looks on a background with the RGB color 117, 198, 178.

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





Tritanopia
125, 193, 209

Trichromacy



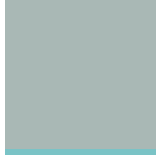
Original Color

117, 198, 178



Protanomaly

162, 187, 172



Deuteranomaly

169, 184, 181



Tritanomaly

122, 195, 198

Monochromacy



Original Color

117, 198, 178



Achromatopsia

172, 172, 172



Achromatomaly

152, 181, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 198, 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(117, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(117, 198, 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(117, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 198, 178) }
```

Border

The CSS property to change the border of an element to RGB 117, 198, 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(117, 198, 178) }
```

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

```
.border{ border-color:rgb(117, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(117, 198,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 117, 198, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 198, 178) }
```

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

```
.background{ background-color: rgb(117,  
198, 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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