

Converting Colors

RGB(119, 202, 178)

Have a look what the booklet for
RGB(119, 202, 178) contains.

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Color

RGB(119, 202, 178)

Conversions

Conversions Part 1

Format	Color
Hex	77CAB2
RGB	119, 202, 178
RGB Percent	47%, 79%, 70%
CMY	0.5333, 0.2078, 0.3020
CMYK	0.41, 0.00, 0.12, 0.21
HSL	163°, 44%, 63%
HSV	163°, 41%, 79%
XYZ	36.7642, 49.3774, 49.7126
YIQ	174.4470, -41.7640, -25.0600

Conversions

Conversions Part 2

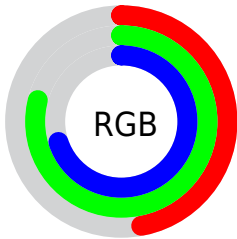
Format	Color
RYB	119, 168, 202
Decimal	7850674
CIELab	75.69, -30.89, 4.07
CIELCh	76, 31.158, 172.486
Yxy	49.3774, 0.2706, 0.3635
Android (android.graphics.Color)	4286040754 (0xFF77CAB2)
YUV	174.4470, 1.7516, -48.6270
Hunter-Lab	70.2690, -29.5811, 7.2430

Details

The RGB color **119, 202, 178** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **202, 119, 143**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **175, 255, 234**, and **64, 147, 125** is the 20% darker color. If you saturate the color by 10%, you get **99, 202, 172**, and if you desaturate by 10%, it is **139, 202, 184**.

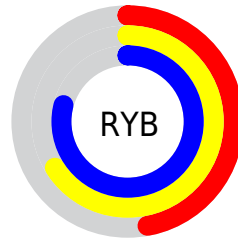
Distribution



Red (47%)

Green (79%)

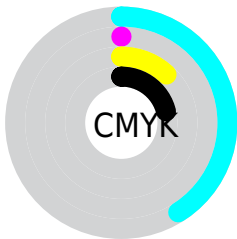
Blue (70%)



Red (47%)

Yellow (66%)

Blue (79%)

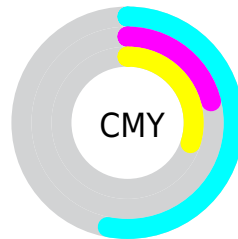


Cyan (41%)

Magenta (0%)

Yellow (12%)

Black (21%)



Cyan (53%)

Magenta (21%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 202, 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 119, 202, 178 by changing the saturation by 10% instead.

 119, 202, 178


255, 255, 255


 175, 255, 234


 203, 255, 255

 232, 255, 255

 119, 202, 178

 92, 174, 151

 64, 147, 125

 34, 121, 100

 0, 96, 77

 0, 72, 54

 0, 49, 33

 0, 29, 10

 0, 0, 0

 119, 202, 178

 119, 202, 178

■ 99, 202, 172

■ 139, 202, 184

■ 79, 202, 166

■ 159, 202, 190

■ 58, 202, 160

■ 180, 202, 196

■ 38, 202, 155

■ 200, 202, 201

■ 18, 202, 149

■ 220, 202, 207

■ 0, 202, 144

■ 240, 202, 213

■ 255, 202, 219

■ 255, 202, 225

■ 255, 202, 231

Harmonies

Analogous

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



151, 198, 151



119, 202, 178



97, 202, 207

Triad

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



119, 202, 178



181, 182, 239



235, 173, 142

Complementary

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



119, 202, 178



202, 119, 143

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.



244, 166, 166



119, 202, 178



216, 172, 222

Square

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



119, 202, 178



139, 191, 243



238, 166, 195



214, 182, 130

Rectangle

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



119, 202, 178



98, 200, 224



238, 166, 195



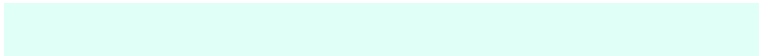
240, 170, 149

Sweetspot

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



119, 202, 178



224, 255, 246



144, 202, 119



110, 128, 122



0, 0, 0



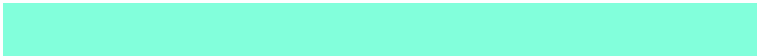
128, 128, 128

Same Dimension

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



119, 202, 178



130, 255, 219



119, 185, 202



92, 102, 99



0, 166, 118



0, 38, 27

Inverse Universe

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



202, 119, 143



255, 130, 166



202, 136, 119



102, 92, 95



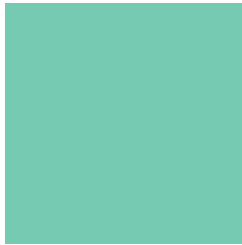
166, 0, 48



38, 0, 11

Previews

White Background



This preview shows how the RGB color 119, 202, 178 looks on a white background.

Color Contrast Check

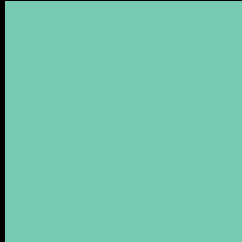
Large Text (above 18pt) WCAG AA × Fail

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 119, 202, 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 119, 202, 178 Background



This preview shows how black text looks on a background with the RGB color 119, 202, 178.

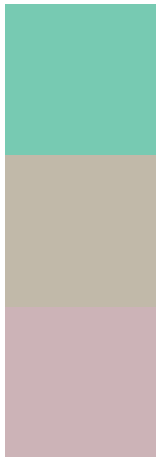


This preview shows how white text looks on a background with the RGB color 119, 202, 178.

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
119, 202, 178

Protanopia
193, 185, 169

Deuteranopia
204, 179, 183



Tritanopia
128, 197, 213

Trichromacy



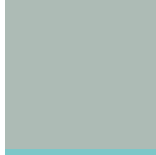
Original Color

119, 202, 178



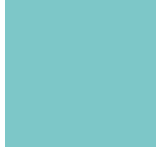
Protanomaly

166, 191, 172



Deuteranomaly

173, 187, 181



Tritanomaly

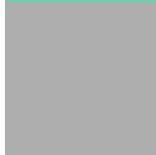
125, 199, 200

Monochromacy



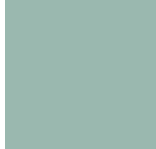
Original Color

119, 202, 178



Achromatopsia

174, 174, 174



Achromatomaly

154, 184, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 202, 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(119, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(119, 202, 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(119, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 202, 178) }
```

Border

The CSS property to change the border of an element to RGB 119, 202, 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(119, 202, 178) }
```

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

```
.border{ border-color:rgb(119, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 202, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 202, 178);  
box-shadow:4px 4px 4px 4px rgb(119, 202,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 119, 202, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 202, 178) }
```

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

```
.background{ background-color: rgb(119,  
202, 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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