

Converting Colors

RGB(119, 218, 195)

Have a look what the booklet for
RGB(119, 218, 195) contains.

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Color

RGB(119, 218, 195)

Conversions

Conversions Part 1

Format	Color
Hex	77DAC3
RGB	119, 218, 195
RGB Percent	47%, 85%, 76%
CMY	0.5333, 0.1451, 0.2353
CMYK	0.45, 0.00, 0.11, 0.15
HSL	166°, 57%, 66%
HSV	166°, 45%, 85%
XYZ	42.5295, 58.0049, 60.5843
YIQ	185.7770, -51.6210, -28.1410

Conversions

Conversions Part 2

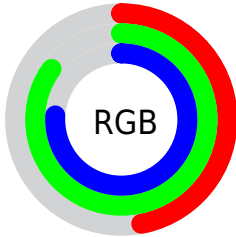
Format	Color
RYB	119, 175, 218
Decimal	7854787
CIELab	80.74, -34.56, 2.30
CIELCh	81, 34.634, 176.198
Yxy	58.0049, 0.2640, 0.3600
Android (android.graphics.Color)	4286044867 (0xFF77DAC3)
YUV	185.7770, 4.5469, -58.5634
Hunter-Lab	76.1609, -33.6044, 6.1488

Details

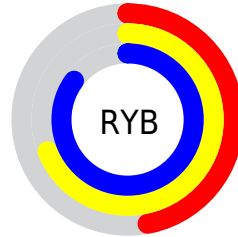
The RGB color **119, 218, 195** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **218, 119, 142**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **176, 255, 251**, and **61, 163, 141** is the 20% darker color. If you saturate the color by 10%, you get **97, 218, 190**, and if you desaturate by 10%, it is **141, 218, 200**.

Distribution



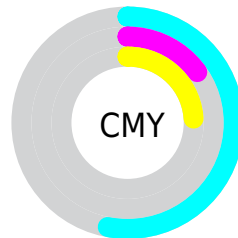
- Red (47%)
- Green (85%)
- Blue (76%)



- Red (47%)
- Yellow (69%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 218, 195 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, 218, 195 by changing the saturation by 10% instead.

 119, 218, 195


255, 255, 255


 176, 255, 251


 205, 255, 255


 235, 255, 255


 119, 218, 195

 90, 190, 168

 61, 163, 141

 25, 136, 116

 0, 110, 91

 0, 85, 68

 0, 61, 46

 0, 39, 25


 0, 5, 0

 0, 0, 0

 119, 218, 195


 119, 218, 195

 97, 218, 190

 141, 218, 200

 75, 218, 185

 163, 218, 205

 54, 218, 180

 184, 218, 210

 32, 218, 175

 206, 218, 215

 10, 218, 170

 228, 218, 220

 0, 218, 167

 250, 218, 225

 255, 218, 230

 255, 218, 236

 255, 218, 241

Harmonies

Analogous

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



156, 214, 163



119, 218, 195



95, 218, 228

Triad

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



119, 218, 195



199, 194, 255



252, 186, 148

Complementary

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



119, 218, 195



218, 119, 142

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.



255, 178, 173



119, 218, 195



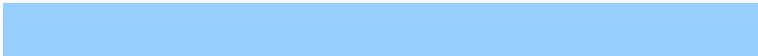
238, 183, 237

Square

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



119, 218, 195



151, 205, 255



255, 177, 206



227, 197, 136

Rectangle

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



119, 218, 195



99, 215, 246



255, 177, 206



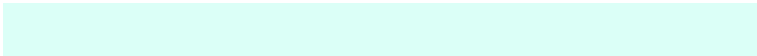
255, 183, 155

Sweetspot

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



119, 218, 195



219, 255, 247



142, 218, 119



106, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



119, 218, 195



117, 255, 223



119, 192, 218



99, 110, 107



0, 173, 133



0, 46, 35

Inverse Universe

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



218, 119, 142



255, 117, 149



218, 145, 119



110, 99, 101



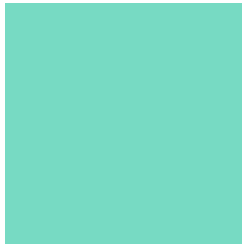
173, 0, 40



46, 0, 11

Previews

White Background



This preview shows how the RGB color 119, 218, 195 looks on a white background.

Color Contrast Check

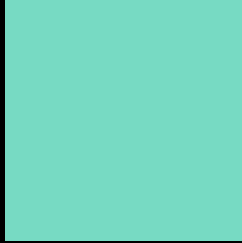
Large Text (above 18pt) WCAG AA × Fail

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, 218, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

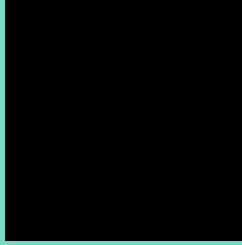
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

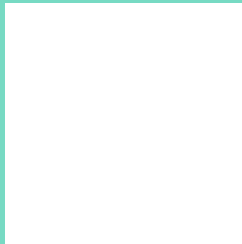
Any Text WCAG AAA ✓ Pass

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

RGB 119, 218, 195 Background



This preview shows how black text looks on a background with the RGB color 119, 218, 195.

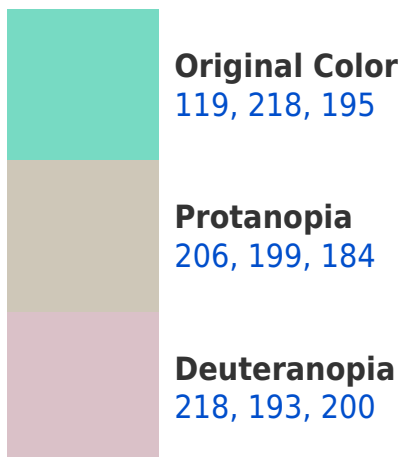


This preview shows how white text looks on a background with the RGB color 119, 218, 195.

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
129, 213, 230

Trichromacy



Original Color

119, 218, 195



Protanomaly

174, 206, 188



Deuteranomaly

182, 202, 198



Tritanomaly

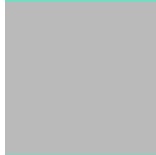
125, 215, 217

Monochromacy



Original Color

119, 218, 195



Achromatopsia

186, 186, 186



Achromatomaly

162, 198, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 218, 195 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, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(119, 218, 195)  
}
```

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, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 218, 195) }
```

Border

The CSS property to change the border of an element to RGB 119, 218, 195 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, 218, 195) }
```

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

```
.border{ border-color:rgb(119, 218, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 218, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(119, 218,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 119, 218, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 218, 195) }
```

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

```
.background{ background-color: rgb(119,  
218, 195) }
```

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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