

Converting Colors

RGB(119, 216, 190)

Have a look what the booklet for
RGB(119, 216, 190) contains.

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Color

RGB(119, 216, 190)

Conversions

Conversions Part 1

Format	Color
Hex	77D8BE
RGB	119, 216, 190
RGB Percent	47%, 85%, 75%
CMY	0.5333, 0.1529, 0.2549
CMYK	0.45, 0.00, 0.12, 0.15
HSL	164°, 55%, 66%
HSV	164°, 45%, 85%
XYZ	41.4579, 56.7514, 57.4842
YIQ	184.0330, -49.4660, -28.6500

Conversions

Conversions Part 2

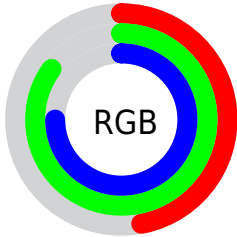
Format	Color
RYB	119, 175, 216
Decimal	7854270
CIELab	80.04, -34.77, 3.94
CIELCh	80, 34.994, 173.533
Yxy	56.7514, 0.2663, 0.3645
Android (android.graphics.Color)	4286044350 (0xFF77D8BE)
YUV	184.0330, 2.9417, -57.0339
Hunter-Lab	75.3335, -33.6007, 7.4914

Details

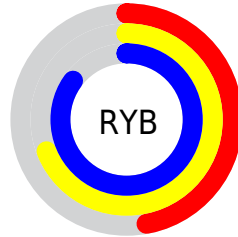
The RGB color **119, 216, 190** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **216, 119, 145**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **176, 255, 246**, and **61, 161, 137** is the 20% darker color. If you saturate the color by 10%, you get **97, 216, 184**, and if you desaturate by 10%, it is **141, 216, 196**.

Distribution



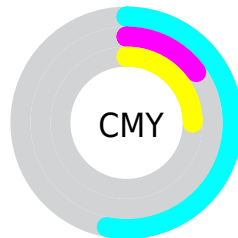
- Red (47%)
- Green (85%)
- Blue (75%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 216, 190 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, 216, 190 by changing the saturation by 10% instead.

 119, 216, 190


255, 255, 255


 176, 255, 246


 205, 255, 255


 234, 255, 255


 119, 216, 190

 91, 188, 163

 61, 161, 137

 27, 134, 111

 0, 108, 87

 0, 83, 64

 0, 59, 42

 0, 38, 21


 0, 0, 0

 0, 0, 0

 119, 216, 190

 119, 216, 190

 97, 216, 184

 141, 216, 196

 76, 216, 178

 162, 216, 202

 54, 216, 173

 184, 216, 207

 33, 216, 167

 205, 216, 213

 11, 216, 161

 227, 216, 219

 0, 216, 158

 249, 216, 225

 255, 216, 231

 255, 216, 236

 255, 216, 242

Harmonies

Analogous

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



157, 212, 159



119, 216, 190



92, 216, 223

Triad

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



119, 216, 190



193, 193, 255



252, 183, 147

Complementary

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



119, 216, 190



216, 119, 145

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, 175, 174



119, 216, 190



233, 181, 238

Square

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



119, 216, 190



144, 204, 255



255, 175, 207



228, 194, 134

Rectangle

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



119, 216, 190



93, 214, 242



255, 175, 207



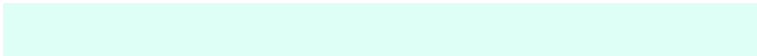
255, 180, 155

Sweetspot

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



119, 216, 190



222, 255, 246



146, 216, 119



107, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



119, 216, 190



117, 255, 218



119, 195, 216



96, 107, 104



0, 171, 125



0, 43, 32

Inverse Universe

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



216, 119, 145



255, 117, 154



216, 140, 119



107, 96, 99



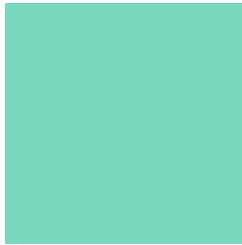
171, 0, 46



43, 0, 12

Previews

White Background



This preview shows how the RGB color 119, 216, 190 looks on a white background.

Color Contrast Check

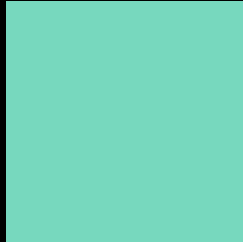
Large Text (above 18pt) WCAG AA × Fail

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, 216, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

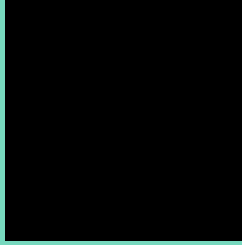
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

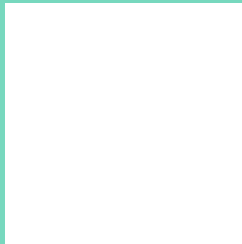
Any Text WCAG AAA ✓ Pass

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

RGB 119, 216, 190 Background



This preview shows how black text looks on a background with the RGB color 119, 216, 190.

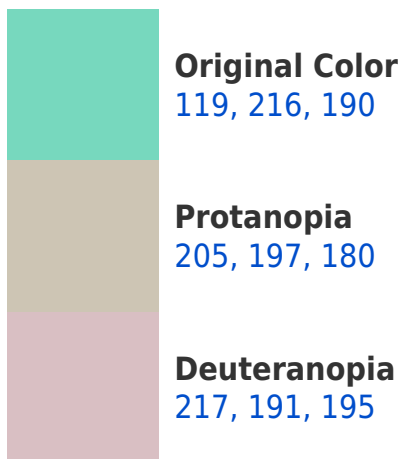


This preview shows how white text looks on a background with the RGB color 119, 216, 190.

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, 211, 228

Trichromacy



Original Color

119, 216, 190



Protanomaly

174, 204, 184



Deuteranomaly

181, 200, 193



Tritanomaly

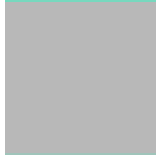
125, 213, 214

Monochromacy



Original Color

119, 216, 190



Achromatopsia

184, 184, 184



Achromatomaly

160, 196, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 216, 190 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, 216, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 216, 190)  
}
```

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, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 216, 190) }
```

Border

The CSS property to change the border of an element to RGB 119, 216, 190 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, 216, 190) }
```

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

```
.border{ border-color:rgb(119, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 216, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 216, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 216,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 119, 216, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 216, 190) }
```

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

```
.background{ background-color: rgb(119,  
216, 190) }
```

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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