

Converting Colors

RGB(119, 232, 198)

Have a look what the booklet for
RGB(119, 232, 198) contains.

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Color

RGB(119, 232, 198)

Conversions

Conversions Part 1

Format	Color
Hex	77E8C6
RGB	119, 232, 198
RGB Percent	47%, 91%, 78%
CMY	0.5333, 0.0902, 0.2235
CMYK	0.49, 0.00, 0.15, 0.09
HSL	162°, 71%, 69%
HSV	162°, 49%, 91%
XYZ	46.6574, 65.7124, 63.6507
YIQ	194.3370, -56.4340, -34.5300

Conversions

Conversions Part 2

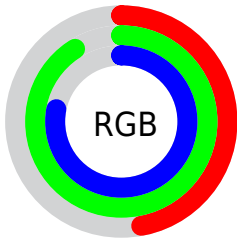
Format	Color
RYB	119, 186, 232
Decimal	7858374
CIELab	84.85, -40.27, 6.65
CIELCh	85, 40.817, 170.624
Yxy	65.7124, 0.2651, 0.3733
Android (android.graphics.Color)	4286048454 (0xFF77E8C6)
YUV	194.3370, 1.8059, -66.0705
Hunter-Lab	81.0632, -39.1216, 10.1898

Details

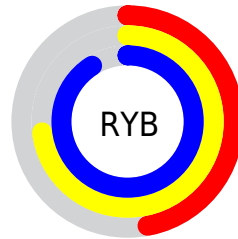
The RGB color **119, 232, 198** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **232, 119, 153**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **177, 255, 255**, and **58, 176, 144** is the 20% darker color. If you saturate the color by 10%, you get **96, 232, 191**, and if you desaturate by 10%, it is **142, 232, 205**.

Distribution



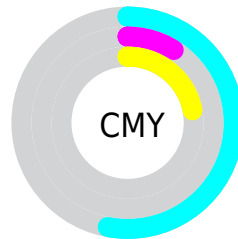
- Red (47%)
- Green (91%)
- Blue (78%)



- Red (47%)
- Yellow (73%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 232, 198 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, 232, 198 by changing the saturation by 10% instead.

 119, 232, 198

255, 255, 255


 177, 255, 255


 207, 255, 255


 236, 255, 255

 119, 232, 198

 89, 204, 171

 58, 176, 144

 14, 149, 119

 0, 122, 94

 0, 97, 70

 0, 72, 48

 0, 49, 27

 0, 26, 1

 0, 0, 0

 119, 232, 198

 119, 232, 198

 96, 232, 191

 142, 232, 205

 73, 232, 184

 165, 232, 212

 49, 232, 177

 189, 232, 219

 26, 232, 170

 212, 232, 226

 3, 232, 163

 235, 232, 233

 0, 232, 162

 255, 232, 240

 255, 232, 247

 255, 232, 254

 255, 232, 255

Harmonies

Analogous

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



167, 227, 162



119, 232, 198



76, 233, 238

Triad

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



119, 232, 198



199, 206, 255



255, 192, 154

Complementary

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



119, 232, 198



232, 119, 153

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, 184, 187



119, 232, 198



249, 193, 255

Square

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



119, 232, 198



138, 219, 255



255, 184, 226



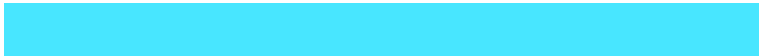
249, 205, 136

Rectangle

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



119, 232, 198



72, 230, 255



255, 184, 226



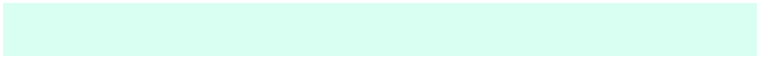
255, 189, 163

Sweetspot

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



119, 232, 198



217, 255, 243



155, 232, 119



105, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



119, 232, 198



107, 255, 210



119, 211, 232



103, 115, 111



0, 179, 125



0, 51, 36

Inverse Universe

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



232, 119, 153



255, 107, 152



232, 140, 119



115, 103, 107



179, 0, 54



51, 0, 15

Previews

White Background



This preview shows how the RGB color 119, 232, 198 looks on a white background.

Color Contrast Check

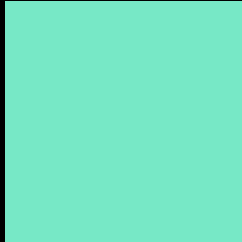
Large Text (above 18pt) WCAG AA × Fail

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, 232, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

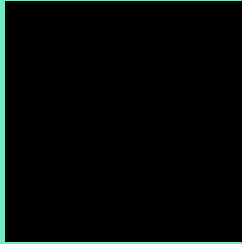
Any Text WCAG AA ✓ Pass

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, 232, 198 Background



This preview shows how black text looks on a background with the RGB color 119, 232, 198.

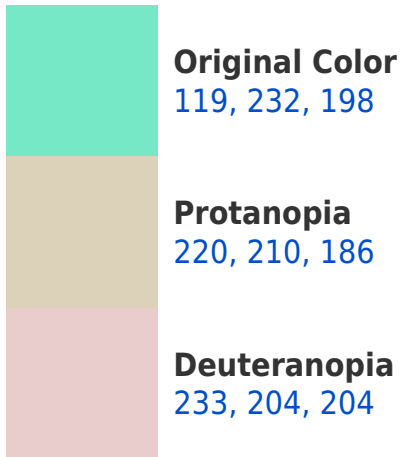


This preview shows how white text looks on a background with the RGB color 119, 232, 198.

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
132, 226, 244

Trichromacy



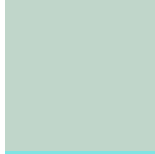
Original Color

119, 232, 198



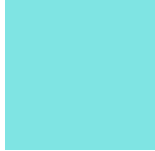
Protanomaly

183, 218, 190



Deuteranomaly

192, 214, 202



Tritanomaly

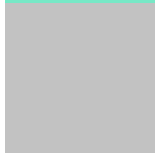
127, 228, 227

Monochromacy



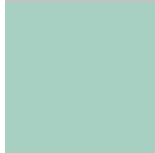
Original Color

119, 232, 198



Achromatopsia

194, 194, 194



Achromatomaly

167, 208, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 232, 198 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, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 232, 198)  
}
```

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, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 232, 198) }
```

Border

The CSS property to change the border of an element to RGB 119, 232, 198 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, 232, 198) }
```

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

```
.border{ border-color:rgb(119, 232, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(119, 232,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 119, 232, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 232, 198) }
```

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

```
.background{ background-color: rgb(119,  
232, 198) }
```

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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