

Converting Colors

RGB(119, 221, 176)

Have a look what the booklet for
RGB(119, 221, 176) contains.

RGB(119, 221, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(119, 221, 176)

Conversions

Conversions Part 1

Format	Color
Hex	77DDB0
RGB	119, 221, 176
RGB Percent	47%, 87%, 69%
CMY	0.5333, 0.1333, 0.3098
CMYK	0.46, 0.00, 0.20, 0.13
HSL	154°, 60%, 67%
HSV	154°, 46%, 87%
XYZ	41.3007, 58.7694, 50.2412
YIQ	185.3720, -46.3470, -35.6190

Conversions

Conversions Part 2

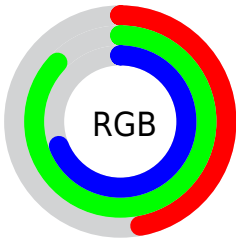
Format	Color
RYB	119, 184, 221
Decimal	7855536
CIELab	81.16, -40.10, 12.98
CIELCh	81, 42.148, 162.067
Yxy	58.7694, 0.2748, 0.3910
Android (android.graphics.Color)	4286045616 (0xFF77DDB0)
YUV	185.3720, -4.6204, -58.2082
Hunter-Lab	76.6612, -37.9916, 14.8062

Details

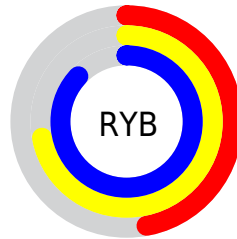
The RGB color **119, 221, 176** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **221, 119, 164**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **176, 255, 232**, and **61, 165, 123** is the 20% darker color. If you saturate the color by 10%, you get **97, 221, 166**, and if you desaturate by 10%, it is **141, 221, 186**.

Distribution



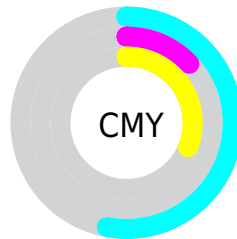
- Red (47%)
- Green (87%)
- Blue (69%)



- Red (47%)
- Yellow (72%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 221, 176 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, 221, 176 by changing the saturation by 10% instead.

 119, 221, 176


255, 255, 255


 176, 255, 232

 205, 255, 255


 234, 255, 255

 119, 221, 176


 91, 193, 149

 61, 165, 123

 26, 138, 98

 0, 112, 75

 0, 87, 52

 0, 63, 30

 0, 41, 7

 0, 8, 0

 0, 0, 0

■ 119, 221, 176

■ 119, 221, 176

■ 97, 221, 166

■ 141, 221, 186

■ 75, 221, 156

■ 163, 221, 196

■ 53, 221, 147

■ 185, 221, 205

■ 31, 221, 137

■ 207, 221, 215

■ 8, 221, 127

■ 230, 221, 225

■ 0, 221, 123

■ 252, 221, 235

■ 255, 221, 244

■ 255, 221, 254

■ 255, 221, 255

Harmonies

Analogous

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



168, 215, 142



119, 221, 176



64, 223, 217

Triad

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



119, 221, 176



171, 200, 255



255, 178, 151

Complementary

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



119, 221, 176



221, 119, 164

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, 171, 187



119, 221, 176



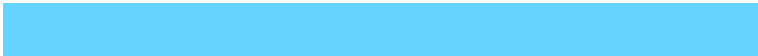
227, 186, 255

Square

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



119, 221, 176



103, 212, 255



255, 174, 227



248, 191, 127

Rectangle

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



119, 221, 176



36, 222, 242



255, 174, 227



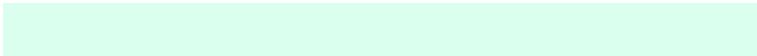
255, 175, 162

Sweetspot

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



119, 221, 176



219, 255, 239



165, 221, 119



106, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



119, 221, 176



115, 255, 193



119, 216, 221



99, 110, 105



0, 173, 97



0, 46, 26

Inverse Universe

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



221, 119, 164



255, 115, 177



221, 124, 119



110, 99, 104



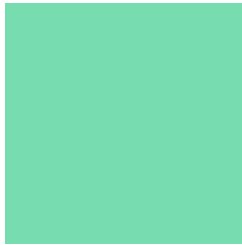
173, 0, 77



46, 0, 20

Previews

White Background



This preview shows how the RGB color 119, 221, 176 looks on a white background.

Color Contrast Check

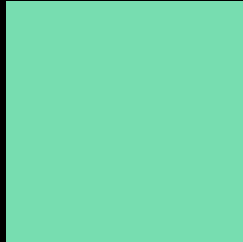
Large Text (above 18pt) WCAG AA × Fail

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, 221, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

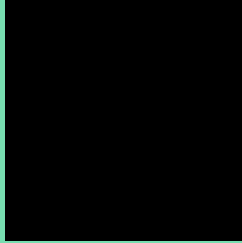
Any Text WCAG AA ✓ Pass

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, 221, 176 Background



This preview shows how black text looks on a background with the RGB color 119, 221, 176.

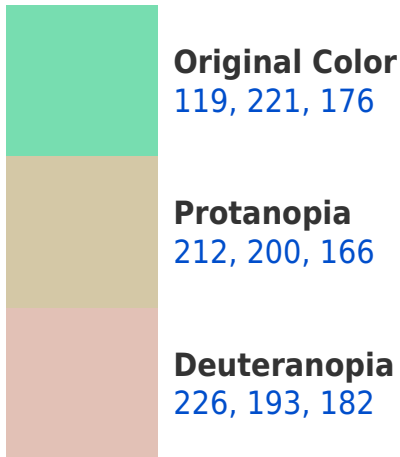


This preview shows how white text looks on a background with the RGB color 119, 221, 176.

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
133, 214, 231

Trichromacy



Original Color

119, 221, 176



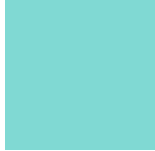
Protanomaly

178, 208, 170



Deuteranomaly

187, 203, 180



Tritanomaly

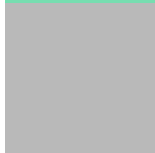
128, 217, 211

Monochromacy



Original Color

119, 221, 176



Achromatopsia

185, 185, 185



Achromatomaly

161, 198, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 221, 176 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, 221, 176)` looks like.

```
.text, #text, p{  
    color:rgb(119, 221, 176)  
}
```

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, 221, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 221, 176) }
```

Border

The CSS property to change the border of an element to RGB 119, 221, 176 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, 221, 176) }
```

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

```
.border{ border-color:rgb(119, 221, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 221, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 221, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 221, 176);  
box-shadow:4px 4px 4px 4px rgb(119, 221,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 119, 221, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 221, 176) }
```

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

```
.background{ background-color: rgb(119,  
221, 176) }
```

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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