

Converting Colors

RGB(119, 225, 181)

Have a look what the booklet for
RGB(119, 225, 181) contains.

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Color

RGB(119, 225, 181)

Conversions

Conversions Part 1

Format	Color
Hex	77E1B5
RGB	119, 225, 181
RGB Percent	47%, 88%, 71%
CMY	0.5333, 0.1176, 0.2902
CMYK	0.47, 0.00, 0.20, 0.12
HSL	155°, 64%, 67%
HSV	155°, 47%, 88%
XYZ	42.8735, 61.1086, 53.2515
YIQ	188.2900, -49.0520, -36.1560

Conversions

Conversions Part 2

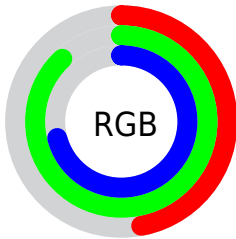
Format	Color
RYB	119, 186, 225
Decimal	7856565
CIELab	82.44, -40.84, 12.14
CIElCh	82, 42.605, 163.439
Yxy	61.1086, 0.2727, 0.3886
Android (android.graphics.Color)	4286046645 (0xFF77E1B5)
YUV	188.2900, -3.5940, -60.7673
Hunter-Lab	78.1720, -38.9025, 14.3314

Details

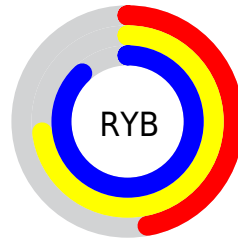
The RGB color **119, 225, 181** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **225, 119, 163**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **176, 255, 237**, and **60, 169, 128** is the 20% darker color. If you saturate the color by 10%, you get **97, 225, 172**, and if you desaturate by 10%, it is **142, 225, 190**.

Distribution



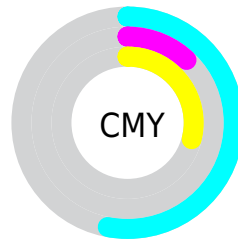
- Red (47%)
- Green (88%)
- Blue (71%)



- Red (47%)
- Yellow (73%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 225, 181 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, 225, 181 by changing the saturation by 10% instead.

 119, 225, 181


255, 255, 255


 176, 255, 237

 205, 255, 255


 235, 255, 255


 119, 225, 181

 90, 197, 154

 60, 169, 128

 23, 142, 103

 0, 116, 79

 0, 91, 56

 0, 66, 34

 0, 44, 13

 0, 16, 0

 0, 0, 0

 119, 225, 181

 119, 225, 181

 97, 225, 172

 142, 225, 190

 74, 225, 162

 164, 225, 200

 51, 225, 153

 187, 225, 209

 29, 225, 144

 209, 225, 218

 6, 225, 134

 232, 225, 228

 0, 225, 132

 254, 225, 237

 255, 225, 246

 255, 225, 255

Harmonies

Analogous

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



169, 219, 146



119, 225, 181



63, 227, 222

Triad

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



119, 225, 181



177, 203, 255



255, 182, 152

Complementary

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



119, 225, 181



225, 119, 163

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, 174, 188



119, 225, 181



233, 188, 255

Square

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



119, 225, 181



109, 216, 255



255, 177, 229



251, 195, 129

Rectangle

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



119, 225, 181



37, 225, 248



255, 177, 229



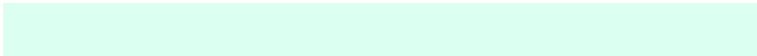
255, 178, 163

Sweetspot

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



119, 225, 181



219, 255, 240



163, 225, 119



106, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



119, 225, 181



110, 255, 195



119, 216, 225



101, 112, 108



0, 176, 103



0, 48, 28

Inverse Universe

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



225, 119, 163



255, 110, 170



225, 128, 119



112, 101, 106



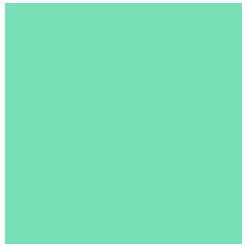
176, 0, 73



48, 0, 20

Previews

White Background



This preview shows how the RGB color 119, 225, 181 looks on a white background.

Color Contrast Check

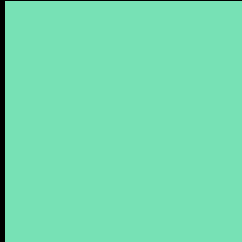
Large Text (above 18pt) WCAG AA × Fail

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, 225, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

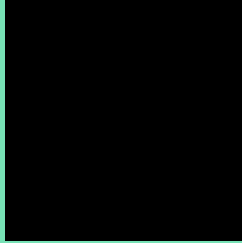
Any Text WCAG AA ✓ Pass

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, 225, 181 Background



This preview shows how black text looks on a background with the RGB color 119, 225, 181.

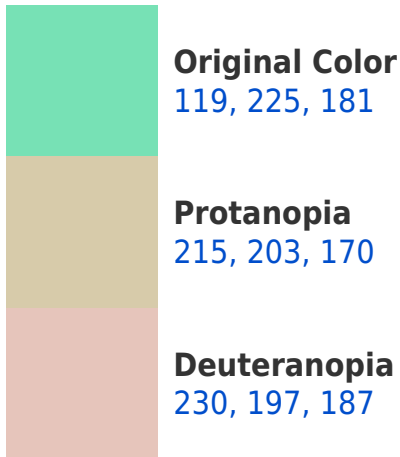


This preview shows how white text looks on a background with the RGB color 119, 225, 181.

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
134, 218, 235

Trichromacy



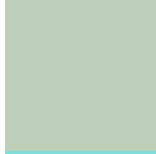
Original Color

119, 225, 181



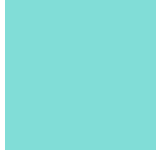
Protanomaly

180, 211, 174



Deuteranomaly

190, 207, 185



Tritanomaly

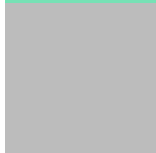
129, 221, 215

Monochromacy



Original Color

119, 225, 181



Achromatopsia

188, 188, 188



Achromatomaly

163, 201, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 225, 181 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, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(119, 225, 181)  
}
```

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, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 225, 181) }
```

Border

The CSS property to change the border of an element to RGB 119, 225, 181 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, 225, 181) }
```

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

```
.border{ border-color:rgb(119, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(119, 225,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 119, 225, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 225, 181) }
```

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

```
.background{ background-color: rgb(119,  
225, 181) }
```

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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