

Converting Colors

RGB(178, 226, 191)

Have a look what the booklet for
RGB(178, 226, 191) contains.

| | |
|--|----|
| RGB(178, 226, 191) | 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(178, 226, 191)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B2E2BF |
| RGB | 178, 226, 191 |
| RGB Percent | 70%, 89%, 75% |
| CMY | 0.3020, 0.1137, 0.2510 |
| CMYK | 0.21, 0.00, 0.15, 0.11 |
| HSL | 136°, 45%, 79% |
| HSV | 136°, 21%, 89% |
| XYZ | 54.9604, 67.6193, 59.4453 |
| YIQ | 207.6580, -17.3730, -21.0610 |

Conversions

Conversions Part 2

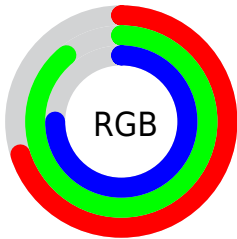
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 178, 216, 226 |
| Decimal | 11723455 |
| CIELab | 85.82, -22.30, 12.08 |
| CIELCh | 86, 25.367, 151.555 |
| Yxy | 67.6193, 0.3019, 0.3715 |
| Android (android.graphics.Color) | 4289913535 (0xFFB2E2BF) |
| YUV | 207.6580, -8.2124, -26.0101 |
| Hunter-Lab | 82.2309, -24.6007, 14.7005 |

Details

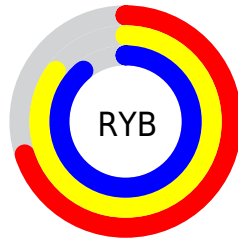
The RGB color **178, 226, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 178, 213**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **234, 255, 247**, and **125, 171, 138** is the 20% darker color. If you saturate the color by 10%, you get **155, 226, 175**, and if you desaturate by 10%, it is **201, 226, 207**.

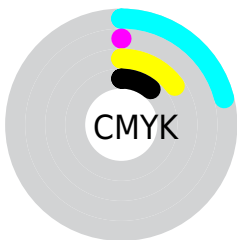
Distribution



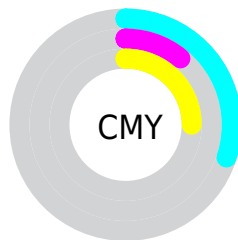
- Red (70%)
- Green (89%)
- Blue (75%)



- Red (70%)
- Yellow (85%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 226, 191 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 178, 226, 191 by changing the saturation by 10% instead.

 178, 226, 191


255, 255, 255


 234, 255, 247

 178, 226, 191

 151, 198, 164

 125, 171, 138

 99, 144, 112

 74, 118, 88

 50, 93, 64

 26, 69, 42

 1, 47, 21


 0, 28, 0

 0, 0, 0

 178, 226, 191

 178, 226, 191

 155, 226, 175

 201, 226, 207

 133, 226, 158

 223, 226, 224

 110, 226, 142

 246, 226, 240

 88, 226, 125

 255, 226, 255

 65, 226, 109

 42, 226, 92

 20, 226, 76

 0, 226, 61

Harmonies

Analogous

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



205, 221, 173



178, 226, 191



156, 228, 215

Triad

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



178, 226, 191



188, 216, 255



255, 199, 191

Complementary

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



178, 226, 191



226, 178, 213

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, 198, 214



178, 226, 191



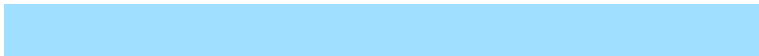
220, 208, 255

Square

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



178, 226, 191



160, 223, 255



247, 201, 238



252, 205, 173

Rectangle

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



178, 226, 191



148, 228, 231



247, 201, 238



255, 198, 198

Sweetspot

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



178, 226, 191



240, 255, 244



213, 226, 178



119, 128, 121



0, 0, 0



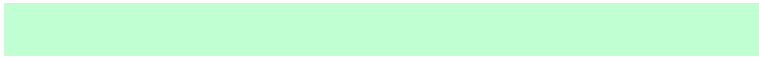
128, 128, 128

Same Dimension

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



178, 226, 191



191, 255, 209



178, 226, 215



101, 112, 104



0, 176, 48



0, 48, 13

Inverse Universe

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



226, 178, 213



255, 191, 238



226, 178, 189



112, 101, 109



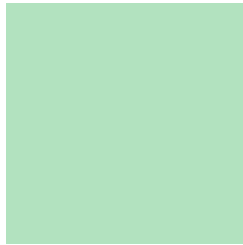
176, 0, 128



48, 0, 35

Previews

White Background



This preview shows how the RGB color 178, 226, 191 looks on a white background.

Color Contrast Check

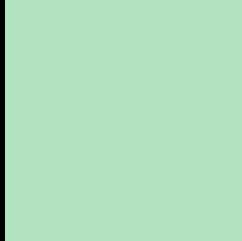
Large Text (above 18pt) WCAG AA × Fail

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 178, 226, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

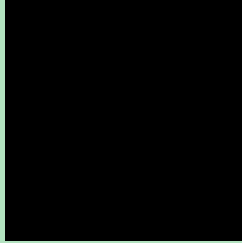
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

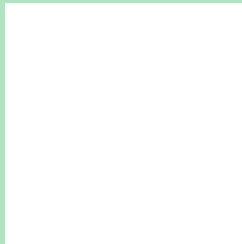
Any Text WCAG AAA ✓ Pass

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

RGB 178, 226, 191 Background



This preview shows how black text looks on a background with the RGB color 178, 226, 191.

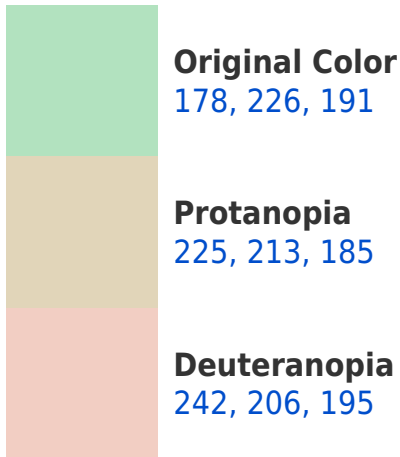


This preview shows how white text looks on a background with the RGB color 178, 226, 191.

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
186, 220, 237

Trichromacy



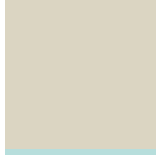
Original Color

178, 226, 191



Protanomaly

208, 218, 187



Deuteranomaly

219, 213, 194



Tritanomaly

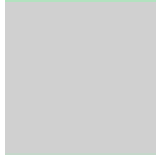
183, 222, 220

Monochromacy



Original Color

178, 226, 191



Achromatopsia

208, 208, 208



Achromatomaly

197, 215, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 226, 191 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(178, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 191)  
}
```

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(178, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 191) }
```

Border

The CSS property to change the border of an element to RGB 178, 226, 191 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(178, 226, 191) }
```

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

```
.border{ border-color:rgb(178, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 226, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 226, 191); box-shadow:4px 4px 4px 4px rgb(178, 226, 191) }
```

Background

The CSS property to change the background color of an element to RGB 178, 226, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 191) }
```

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

```
.background{ background-color: rgb(178,  
226, 191) }
```

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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