

Converting Colors

RGB(178, 245, 158)

Have a look what the booklet for
RGB(178, 245, 158) contains.

RGB(178, 245, 158)	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, 245, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B2F59E
RGB	178, 245, 158
RGB Percent	70%, 96%, 62%
CMY	0.3020, 0.0392, 0.3804
CMYK	0.27, 0.00, 0.36, 0.04
HSL	106°, 81%, 79%
HSV	106°, 36%, 96%
XYZ	57.1841, 77.2384, 44.2423
YIQ	215.0490, -12.0050, -41.2610

Conversions

Conversions Part 2

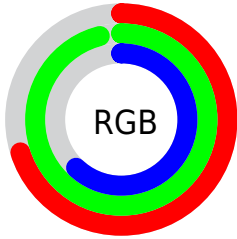
Format	Color
RYB	158, 245, 225
Decimal	11728286
CIELab	90.43, -36.66, 35.37
CIELCh	90, 50.936, 136.024
Yxy	77.2384, 0.3201, 0.4323
Android (android.graphics.Color)	4289918366 (0xFFB2F59E)
YUV	215.0490, -28.1252, -32.4920
Hunter-Lab	87.8854, -37.6555, 31.6726

Details

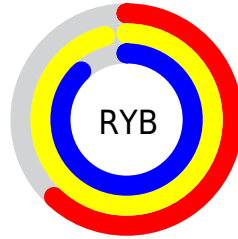
The RGB color **178, 245, 158** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **225, 158, 245**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **235, 255, 213**, and **123, 188, 106** is the 20% darker color. If you saturate the color by 10%, you get **159, 245, 134**, and if you desaturate by 10%, it is **197, 245, 183**.

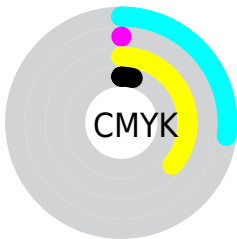
Distribution



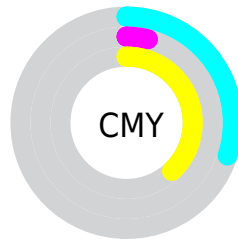
- Red (70%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 245, 158 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, 245, 158 by changing the saturation by 10% instead.

 178, 245, 158

255, 255, 255

 235, 255, 213


 255, 255, 242

 178, 245, 158

 150, 216, 131

 123, 188, 106

 96, 161, 80

 70, 135, 56

 43, 109, 32

 10, 84, 5

 0, 60, 0

 0, 39, 0

 0, 3, 0

 178, 245, 158


 178, 245, 158

 159, 245, 134


 197, 245, 183

 140, 245, 109

 216, 245, 207

 121, 245, 85

 235, 245, 232


 103, 245, 60

 253, 245, 255

 84, 245, 36

 255, 245, 255

 65, 245, 11

 56, 245, 0

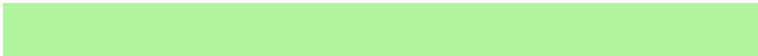
Harmonies

Analogous

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



233, 233, 132



178, 245, 158



112, 252, 202

Triad

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



178, 245, 158



107, 239, 255



255, 190, 203

Complementary

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



178, 245, 158



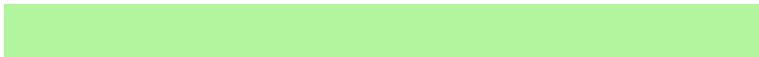
225, 158, 245

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, 192, 253



178, 245, 158



198, 223, 255

Square

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



178, 245, 158



0, 249, 255



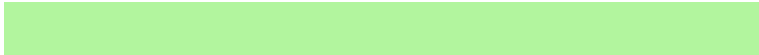
255, 205, 255



255, 200, 159

Rectangle

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



178, 245, 158



49, 253, 236



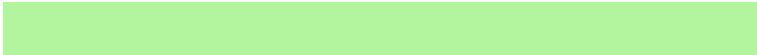
255, 205, 255



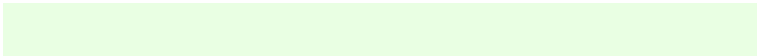
255, 189, 219

Sweetspot

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



178, 245, 158



233, 255, 227



245, 225, 158



115, 128, 111



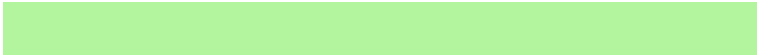
0, 0, 0



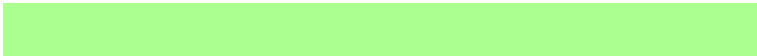
128, 128, 128

Same Dimension

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



178, 245, 158



171, 255, 145



158, 245, 181



113, 122, 110



43, 186, 0



13, 59, 0

Inverse Universe

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



225, 158, 245



230, 145, 255



245, 158, 222



120, 110, 122



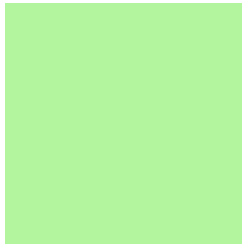
143, 0, 186



45, 0, 59

Previews

White Background



This preview shows how the RGB color 178, 245, 158 looks on a white background.

Color Contrast Check

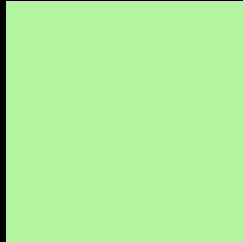
Large Text (above 18pt) WCAG AA × Fail

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, 245, 158 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, 245, 158 Background



This preview shows how black text looks on a background with the RGB color 178, 245, 158.

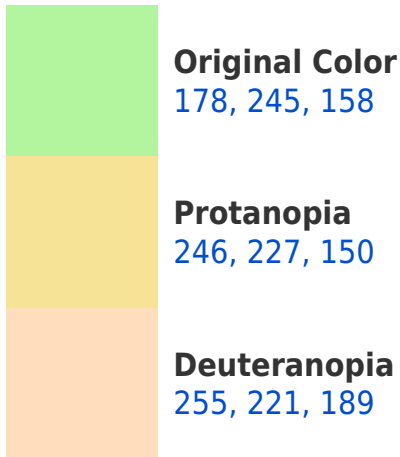


This preview shows how white text looks on a background with the RGB color 178, 245, 158.

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





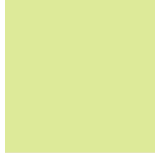
Tritanopia
194, 233, 252

Trichromacy



Original Color

178, 245, 158



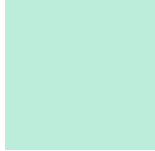
Protanomaly

221, 234, 153



Deuteranomaly

227, 230, 178



Tritanomaly

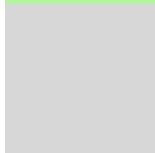
188, 237, 218

Monochromacy



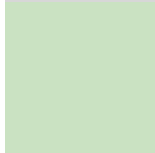
Original Color

178, 245, 158



Achromatopsia

215, 215, 215



Achromatomaly

202, 226, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 245, 158 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, 245, 158)` looks like.

```
.text, #text, p{  
    color:rgb(178, 245, 158)  
}
```

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, 245, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 245, 158) }
```

Border

The CSS property to change the border of an element to RGB 178, 245, 158 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, 245, 158) }
```

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

```
.border{ border-color:rgb(178, 245, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 245, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 245, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 245, 158); box-shadow:4px 4px 4px 4px rgb(178, 245, 158) }
```

Background

The CSS property to change the background color of an element to RGB 178, 245, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 245, 158) }
```

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

```
.background{ background-color: rgb(178,  
245, 158) }
```

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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