

Converting Colors

RGB(158, 245, 181)

Have a look what the booklet for
RGB(158, 245, 181) contains.

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Color

RGB(158, 245, 181)

Conversions

Conversions Part 1

Format	Color
Hex	9EF5B5
RGB	158, 245, 181
RGB Percent	62%, 96%, 71%
CMY	0.3804, 0.0392, 0.2902
CMYK	0.36, 0.00, 0.26, 0.04
HSL	136°, 81%, 79%
HSV	136°, 36%, 96%
XYZ	55.0934, 75.9101, 55.4644
YIQ	211.6910, -31.3080, -38.3480

Conversions

Conversions Part 2

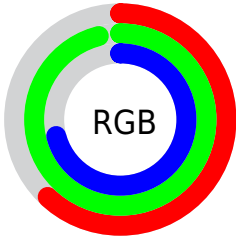
Format	Color
RYB	158, 227, 245
Decimal	10417589
CIELab	89.82, -39.22, 22.72
CIELCh	90, 45.322, 149.920
Yxy	75.9101, 0.2955, 0.4071
Android (android.graphics.Color)	4288607669 (0xFF9EF5B5)
YUV	211.6910, -15.1307, -47.0870
Hunter-Lab	87.1264, -39.5987, 23.2446

Details

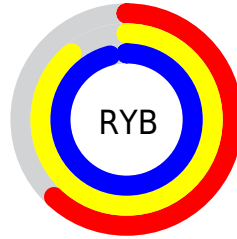
The RGB color **158, 245, 181** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 158, 222**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **215, 255, 237**, and **103, 188, 128** is the 20% darker color. If you saturate the color by 10%, you get **134, 245, 163**, and if you desaturate by 10%, it is **183, 245, 199**.

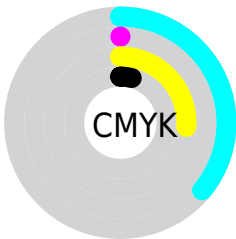
Distribution



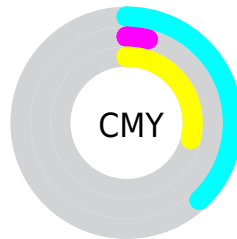
- Red (62%)
- Green (96%)
- Blue (71%)



- Red (62%)
- Yellow (89%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 245, 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 158, 245, 181 by changing the saturation by 10% instead.

 158, 245, 181

255, 255, 255


 215, 255, 237

 244, 255, 255


 158, 245, 181


 130, 216, 154

 103, 188, 128

 76, 161, 103

 47, 134, 78

 10, 108, 55

 0, 83, 32

 0, 59, 10

 0, 39, 0

 0, 0, 0

■ 158, 245, 181

■ 158, 245, 181

■ 134, 245, 163

■ 183, 245, 199

■ 109, 245, 145

■ 207, 245, 217

■ 85, 245, 127

■ 232, 245, 235

■ 60, 245, 109

■ 255, 245, 253

■ 36, 245, 91

■ 255, 245, 255

■ 11, 245, 73

■ 0, 245, 65

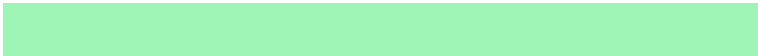
Harmonies

Analogous

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



210, 236, 149



158, 245, 181



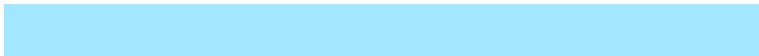
101, 249, 224

Triad

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



158, 245, 181



163, 230, 255



255, 196, 185

Complementary

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



158, 245, 181



245, 158, 222

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, 228



158, 245, 181



231, 215, 255

Square

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



158, 245, 181



89, 242, 255



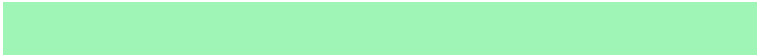
255, 200, 255



255, 208, 152

Rectangle

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



158, 245, 181



63, 249, 254



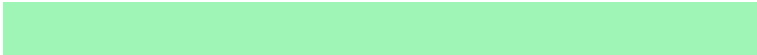
255, 200, 255



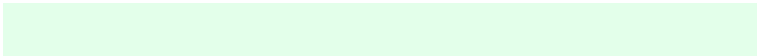
255, 193, 198

Sweetspot

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



158, 245, 181



227, 255, 234



223, 245, 158



111, 128, 115



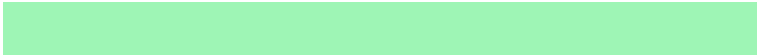
0, 0, 0



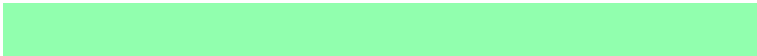
128, 128, 128

Same Dimension

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



158, 245, 181



145, 255, 174



158, 245, 223



110, 122, 113



0, 186, 49



0, 59, 16

Inverse Universe

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



245, 158, 222



255, 145, 226



245, 158, 180



122, 110, 119



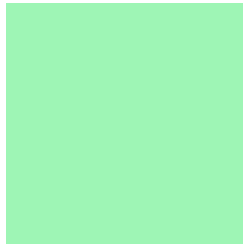
186, 0, 137



59, 0, 43

Previews

White Background



This preview shows how the RGB color 158, 245, 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 158, 245, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

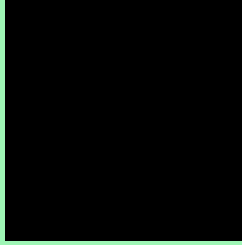
Any Text WCAG AA ✓ Pass

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 158, 245, 181 Background



This preview shows how black text looks on a background with the RGB color 158, 245, 181.

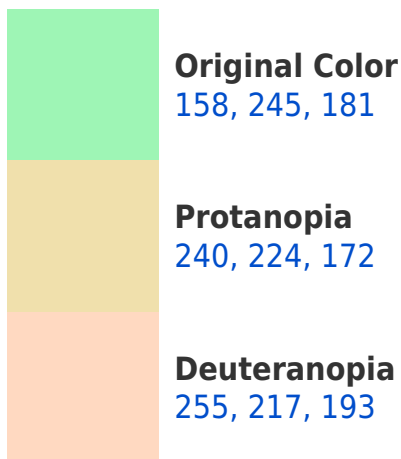


This preview shows how white text looks on a background with the RGB color 158, 245, 181.

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





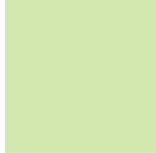
Tritanopia
173, 235, 254

Trichromacy



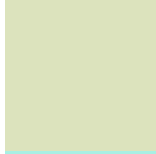
Original Color

158, 245, 181



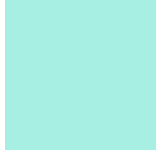
Protanomaly

210, 232, 175



Deuteranomaly

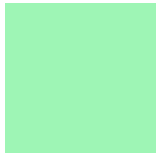
220, 227, 189



Tritanomaly

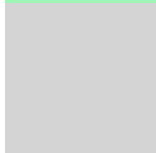
168, 239, 227

Monochromacy



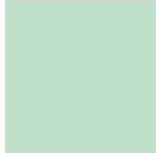
Original Color

158, 245, 181



Achromatopsia

212, 212, 212



Achromatomaly

192, 224, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 245, 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(158, 245, 181)` looks like.

```
.text, #text, p{  
    color:rgb(158, 245, 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(158, 245, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 245, 181) }
```

Border

The CSS property to change the border of an element to RGB 158, 245, 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(158, 245, 181) }
```

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

```
.border{ border-color:rgb(158, 245, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 245, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 245, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 245, 181); box-shadow:4px 4px 4px 4px rgb(158, 245, 181) }
```

Background

The CSS property to change the background color of an element to RGB 158, 245, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 245, 181) }
```

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

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