

Converting Colors

RGB(158, 229, 179)

Have a look what the booklet for
RGB(158, 229, 179) contains.

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Color

RGB(158, 229, 179)

Conversions

Conversions Part 1

Format	Color
Hex	9EE5B3
RGB	158, 229, 179
RGB Percent	62%, 90%, 70%
CMY	0.3804, 0.1020, 0.2980
CMYK	0.31, 0.00, 0.22, 0.10
HSL	138°, 58%, 76%
HSV	138°, 31%, 90%
XYZ	50.2565, 66.5624, 52.8469
YIQ	202.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

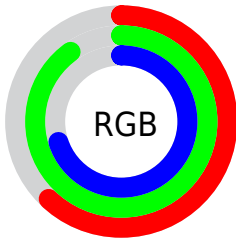
Format	Color
RYB	158, 213, 229
Decimal	10413491
CIELab	85.28, -32.25, 17.45
CIELCh	85, 36.665, 151.580
Yxy	66.5624, 0.2962, 0.3923
Android (android.graphics.Color)	4288603571 (0xFF9EE5B3)
YUV	202.0710, -11.3740, -38.6503
Hunter-Lab	81.5858, -32.8198, 18.7052

Details

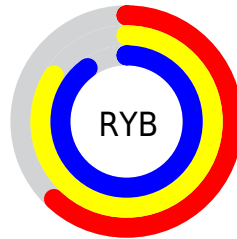
The RGB color **158, 229, 179** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **229, 158, 208**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **214, 255, 235**, and **104, 173, 126** is the 20% darker color. If you saturate the color by 10%, you get **135, 229, 163**, and if you desaturate by 10%, it is **181, 229, 195**.

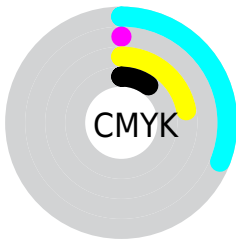
Distribution



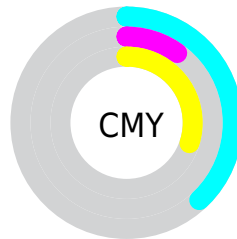
- Red (62%)
- Green (90%)
- Blue (70%)



- Red (62%)
- Yellow (84%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (38%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 229, 179 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, 229, 179 by changing the saturation by 10% instead.

 158, 229, 179

255, 255, 255


 214, 255, 235


 243, 255, 255

 158, 229, 179

 131, 201, 152

 104, 173, 126

 78, 146, 101

 52, 120, 77

 23, 95, 54

 0, 71, 32

 0, 48, 10

 0, 27, 0

 0, 0, 0

■ 158, 229, 179

■ 158, 229, 179

■ 135, 229, 163

■ 181, 229, 195

■ 112, 229, 147

■ 204, 229, 211

■ 89, 229, 131

■ 227, 229, 227

■ 66, 229, 114

■ 250, 229, 244

■ 43, 229, 98

■ 255, 229, 255

■ 21, 229, 82

■ 0, 229, 68

Harmonies

Analogous

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



199, 222, 153



158, 229, 179



119, 232, 214

Triad

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



158, 229, 179



170, 216, 255



255, 190, 178

Complementary

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



158, 229, 179



229, 158, 208

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, 187, 213



158, 229, 179



220, 203, 255

Square

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



158, 229, 179



121, 225, 255



255, 192, 247



255, 200, 153

Rectangle

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



158, 229, 179



101, 232, 237



255, 192, 247



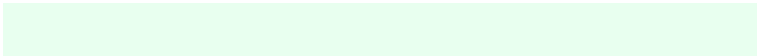
255, 188, 189

Sweetspot

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



158, 229, 179



232, 255, 239



209, 229, 158



113, 128, 118



0, 0, 0



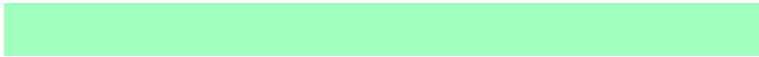
128, 128, 128

Same Dimension

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



158, 229, 179



161, 255, 189



158, 229, 214



103, 115, 107



0, 179, 53



0, 51, 15

Inverse Universe

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



229, 158, 208



255, 161, 227



229, 158, 173



115, 103, 111



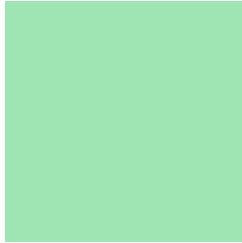
179, 0, 126



51, 0, 36

Previews

White Background



This preview shows how the RGB color 158, 229, 179 looks on a white background.

Color Contrast Check

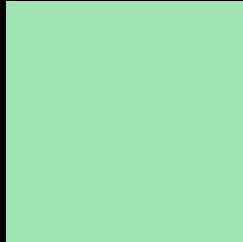
Large Text (above 18pt) WCAG AA × Fail

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, 229, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

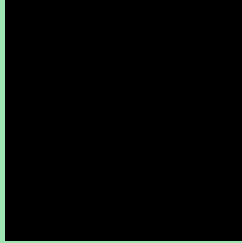
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

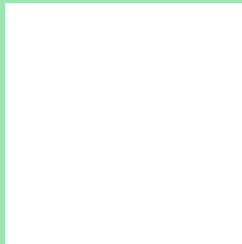
Any Text WCAG AAA ✓ Pass

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

RGB 158, 229, 179 Background



This preview shows how black text looks on a background with the RGB color 158, 229, 179.

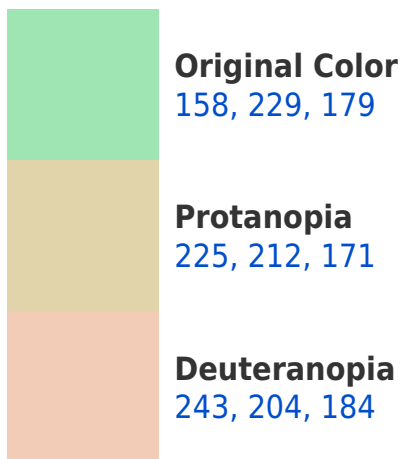


This preview shows how white text looks on a background with the RGB color 158, 229, 179.

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
170, 221, 239

Trichromacy



Original Color

158, 229, 179



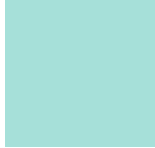
Protanomaly

201, 218, 174



Deuteranomaly

212, 213, 182



Tritanomaly

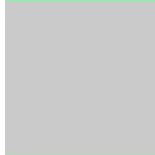
166, 224, 217

Monochromacy



Original Color

158, 229, 179



Achromatopsia

202, 202, 202



Achromatomaly

186, 212, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 229, 179 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, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(158, 229, 179)  
}
```

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, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 229, 179) }
```

Border

The CSS property to change the border of an element to RGB 158, 229, 179 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, 229, 179) }
```

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

```
.border{ border-color:rgb(158, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 229, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 229, 179); box-shadow:4px 4px 4px 4px rgb(158, 229, 179) }
```

Background

The CSS property to change the background color of an element to RGB 158, 229, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 229, 179) }
```

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

```
.background{ background-color: rgb(158,  
229, 179) }
```

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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