

Converting Colors

RGB(158, 235, 203)

Have a look what the booklet for
RGB(158, 235, 203) contains.

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Color

RGB(158, 235, 203)

Conversions

Conversions Part 1

Format	Color
Hex	9EEBCB
RGB	158, 235, 203
RGB Percent	62%, 92%, 80%
CMY	0.3804, 0.0784, 0.2039
CMYK	0.33, 0.00, 0.14, 0.08
HSL	155°, 66%, 77%
HSV	155°, 33%, 92%
XYZ	54.5884, 70.9976, 67.3267
YIQ	208.3290, -35.6200, -26.2760

Conversions

Conversions Part 2

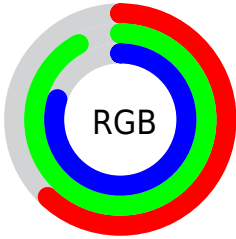
Format	Color
RYB	158, 207, 235
Decimal	10415051
CIELab	87.48, -30.44, 8.03
CIElCh	87, 31.479, 165.216
Yxy	70.9976, 0.2830, 0.3680
Android (android.graphics.Color)	4288605131 (0xFF9EEBCB)
YUV	208.3290, -2.6272, -44.1385
Hunter-Lab	84.2600, -31.8128, 11.6073

Details

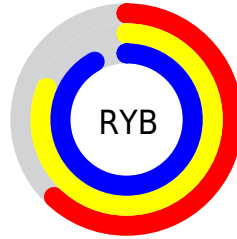
The RGB color **158, 235, 203** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 158, 190**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **215, 255, 255**, and **104, 179, 149** is the 20% darker color. If you saturate the color by 10%, you get **135, 235, 193**, and if you desaturate by 10%, it is **182, 235, 213**.

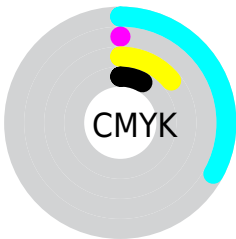
Distribution



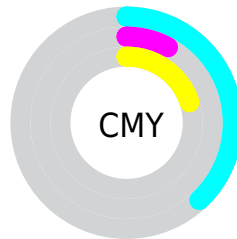
- Red (62%)
- Green (92%)
- Blue (80%)



- Red (62%)
- Yellow (81%)
- Blue (92%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 235, 203 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, 235, 203 by changing the saturation by 10% instead.

 158, 235, 203


255, 255, 255


 215, 255, 255

 244, 255, 255

 158, 235, 203

 131, 207, 176

 104, 179, 149

 77, 152, 123

 50, 126, 98

 18, 100, 74

 0, 76, 52

 0, 52, 31

 0, 33, 6


 0, 0, 0

 158, 235, 203

 158, 235, 203

 135, 235, 193

 182, 235, 213

 111, 235, 183

 205, 235, 223

 88, 235, 174

 229, 235, 232

 64, 235, 164

 252, 235, 242

 41, 235, 154

 255, 235, 252

 17, 235, 144

 255, 235, 255

 0, 235, 137

Harmonies

Analogous

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



192, 230, 176



158, 235, 203



134, 236, 234

Triad

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



158, 235, 203



204, 217, 255



255, 203, 178

Complementary

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



158, 235, 203



235, 158, 190

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, 205



158, 235, 203



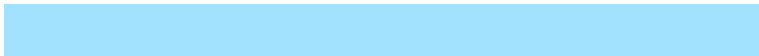
243, 206, 255

Square

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



158, 235, 203



162, 226, 255



255, 199, 235



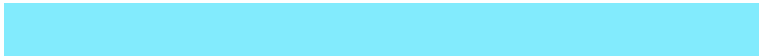
255, 212, 162

Rectangle

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



158, 235, 203



130, 235, 253



255, 199, 235



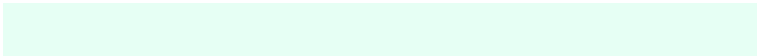
255, 201, 186

Sweetspot

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



158, 235, 203



230, 255, 244



190, 235, 158



112, 128, 121



0, 0, 0



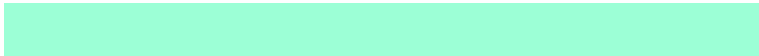
128, 128, 128

Same Dimension

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



158, 235, 203



156, 255, 214



158, 229, 235



106, 117, 112



0, 181, 106



0, 54, 31

Inverse Universe

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



235, 158, 190



255, 156, 197



235, 164, 158



117, 106, 110



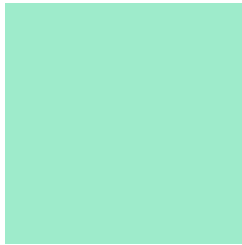
181, 0, 75



54, 0, 22

Previews

White Background



This preview shows how the RGB color 158, 235, 203 looks on a white background.

Color Contrast Check

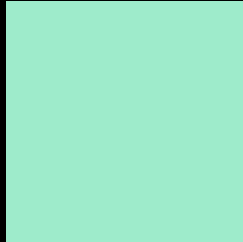
Large Text (above 18pt) WCAG AA × Fail

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, 235, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

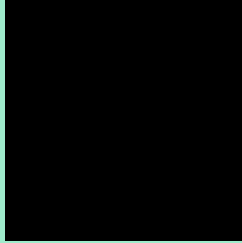
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

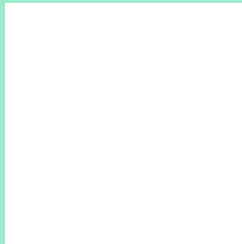
Any Text WCAG AAA ✓ Pass

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

RGB 158, 235, 203 Background



This preview shows how black text looks on a background with the RGB color 158, 235, 203.

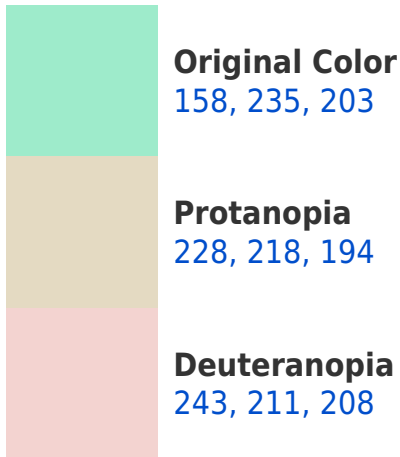


This preview shows how white text looks on a background with the RGB color 158, 235, 203.

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





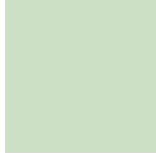
Tritanopia
168, 229, 247

Trichromacy



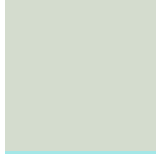
Original Color

158, 235, 203



Protanomaly

203, 224, 197



Deuteranomaly

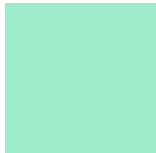
212, 220, 206



Tritanomaly

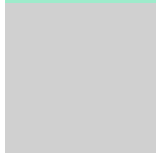
164, 231, 231

Monochromacy



Original Color

158, 235, 203



Achromatopsia

208, 208, 208



Achromatomaly

190, 218, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 235, 203 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, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(158, 235, 203)  
}
```

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, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 235, 203) }
```

Border

The CSS property to change the border of an element to RGB 158, 235, 203 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, 235, 203) }
```

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

```
.border{ border-color:rgb(158, 235, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 235, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(158, 235,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 158, 235, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 235, 203) }
```

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

```
.background{ background-color: rgb(158,  
235, 203) }
```

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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