

Converting Colors

RGB(158, 231, 203)

Have a look what the booklet for
RGB(158, 231, 203) contains.

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Color

RGB(158, 231, 203)

Conversions

Conversions Part 1

Format	Color
Hex	9EE7CB
RGB	158, 231, 203
RGB Percent	62%, 91%, 80%
CMY	0.3804, 0.0941, 0.2039
CMYK	0.32, 0.00, 0.12, 0.09
HSL	157°, 60%, 76%
HSV	157°, 32%, 91%
XYZ	53.4560, 68.7327, 66.9492
YIQ	205.9810, -34.5200, -24.1840

Conversions

Conversions Part 2

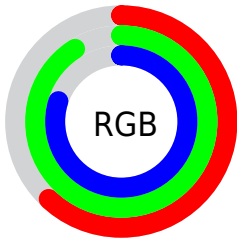
Format	Color
RYB	158, 203, 231
Decimal	10414027
CIELab	86.37, -28.54, 6.43
CIELCh	86, 29.252, 167.295
Yxy	68.7327, 0.2826, 0.3634
Android (android.graphics.Color)	4288604107 (0xFF9EE7CB)
YUV	205.9810, -1.4696, -42.0793
Hunter-Lab	82.9052, -29.9901, 10.1546

Details

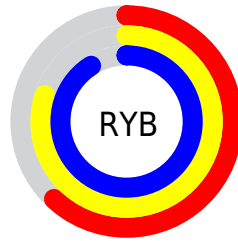
The RGB color **158, 231, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 158, 186**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **214, 255, 255**, and **104, 175, 149** is the 20% darker color. If you saturate the color by 10%, you get **135, 231, 194**, and if you desaturate by 10%, it is **181, 231, 212**.

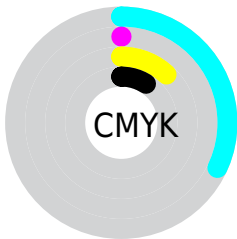
Distribution



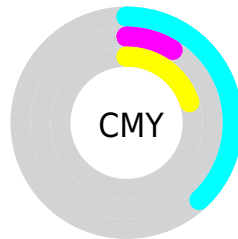
- Red (62%)
- Green (91%)
- Blue (80%)



- Red (62%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 231, 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, 231, 203 by changing the saturation by 10% instead.


 158, 231, 203

 158, 231, 203


255, 255, 255


 131, 203, 176


 214, 255, 255

 104, 175, 149

 243, 255, 255

 77, 148, 123

 51, 122, 98

 21, 97, 74

 0, 73, 52

 0, 50, 31


 0, 31, 6

 0, 0, 0

 158, 231, 203

 158, 231, 203

 135, 231, 194

 181, 231, 212

 112, 231, 185

 204, 231, 221

 89, 231, 176

 227, 231, 230

 66, 231, 168

 250, 231, 238

 43, 231, 159

 255, 231, 247

 19, 231, 150

 255, 231, 255

 0, 231, 142

Harmonies

Analogous

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



188, 227, 178



158, 231, 203



138, 232, 232

Triad

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



158, 231, 203



205, 213, 255



255, 202, 177

Complementary

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



158, 231, 203



231, 158, 186

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, 196, 201



158, 231, 203



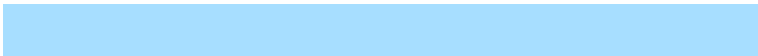
240, 204, 254

Square

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



158, 231, 203



167, 222, 255



255, 197, 229



248, 210, 163

Rectangle

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



158, 231, 203



136, 230, 249



255, 197, 229



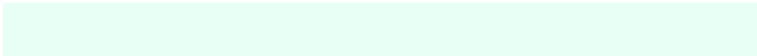
255, 199, 184

Sweetspot

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



158, 231, 203



232, 255, 246



187, 231, 158



113, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



158, 231, 203



158, 255, 218



158, 224, 231



103, 115, 110



0, 179, 110



0, 51, 31

Inverse Universe

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



231, 158, 186



255, 158, 195



231, 165, 158



115, 103, 108



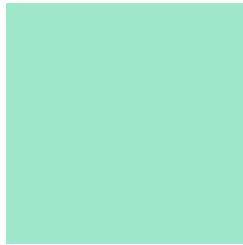
179, 0, 68



51, 0, 20

Previews

White Background



This preview shows how the RGB color 158, 231, 203 looks on a white background.

Color Contrast Check

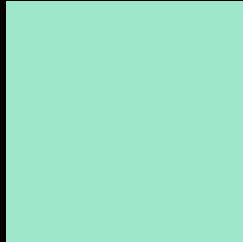
Large Text (above 18pt) WCAG AA × Fail

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, 231, 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

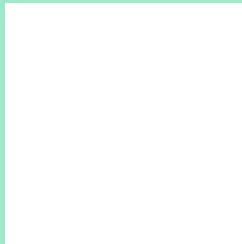
Any Text WCAG AAA ✓ Pass

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

RGB 158, 231, 203 Background



This preview shows how black text looks on a background with the RGB color 158, 231, 203.

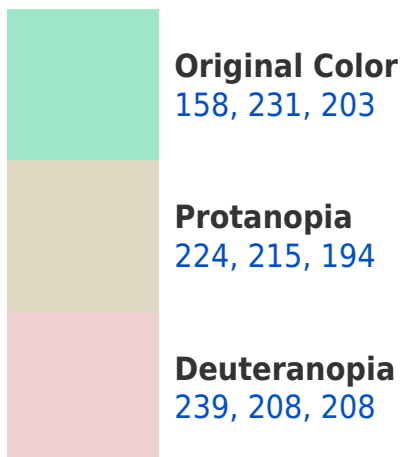


This preview shows how white text looks on a background with the RGB color 158, 231, 203.

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
167, 225, 243

Trichromacy



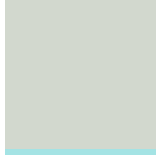
Original Color

158, 231, 203



Protanomaly

200, 221, 197



Deuteranomaly

210, 216, 206



Tritanomaly

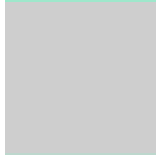
164, 227, 228

Monochromacy



Original Color

158, 231, 203



Achromatopsia

206, 206, 206



Achromatomaly

189, 215, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 231, 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, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(158, 231, 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, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 231, 203) }
```

Border

The CSS property to change the border of an element to RGB 158, 231, 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, 231, 203) }
```

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

```
.border{ border-color:rgb(158, 231, 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, 231, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 231, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 231, 203);  
box-shadow:4px 4px 4px 4px rgb(158, 231,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 158, 231, 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, 231, 203) }
```

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

```
.background{ background-color: rgb(158,  
231, 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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