

Converting Colors

RGB(158, 186, 185)

Have a look what the booklet for
RGB(158, 186, 185) contains.

RGB(158, 186, 185)	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(158, 186, 185)

Conversions

Conversions Part 1

Format	Color
Hex	9EBAB9
RGB	158, 186, 185
RGB Percent	62%, 73%, 73%
CMY	0.3804, 0.2706, 0.2745
CMYK	0.15, 0.00, 0.01, 0.27
HSL	178°, 17%, 67%
HSV	178°, 15%, 73%
XYZ	40.4164, 45.8897, 52.6264
YIQ	177.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

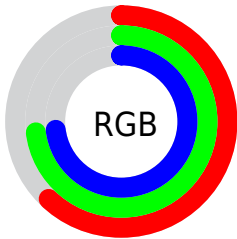
Format	Color
RYB	158, 172, 186
Decimal	10402489
CIELab	73.47, -9.67, -2.69
CIELCh	73, 10.040, 195.544
Yxy	45.8897, 0.2909, 0.3303
Android (android.graphics.Color)	4288592569 (0xFF9EBAB9)
YUV	177.5140, 3.6906, -17.1138
Hunter-Lab	67.7419, -12.0511, 1.3590

Details

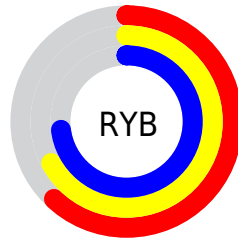
The RGB color **158, 186, 185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186, 158, 159**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **213, 242, 241**, and **106, 133, 132** is the 20% darker color. If you saturate the color by 10%, you get **139, 186, 184**, and if you desaturate by 10%, it is **177, 186, 186**.

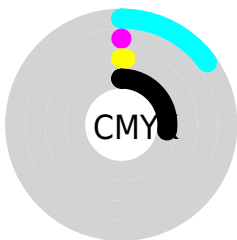
Distribution



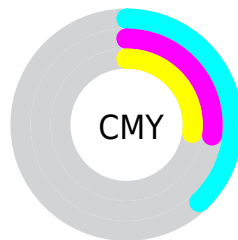
- Red (62%)
- Green (73%)
- Blue (73%)



- Red (62%)
- Yellow (67%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 186, 185 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, 186, 185 by changing the saturation by 10% instead.


 158, 186, 185

255, 255, 255


 213, 242, 241

 241, 255, 255

 158, 186, 185

 132, 159, 158

 106, 133, 132

 82, 108, 107


 58, 83, 83

 35, 60, 60

 14, 38, 38

 0, 18, 17

 0, 0, 0

 158, 186, 185

 158, 186, 185

■ 139, 186, 184

■ 177, 186, 186

■ 121, 186, 184

■ 195, 186, 186

■ 102, 186, 183

■ 214, 186, 187

■ 84, 186, 182

■ 232, 186, 188

■ 65, 186, 182

■ 251, 186, 188

■ 46, 186, 181

■ 255, 186, 189

■ 28, 186, 180

■ 255, 186, 190

■ 9, 186, 180

■ 255, 186, 190

■ 0, 186, 179

■ 255, 186, 191

Harmonies

Analogous

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



163, 186, 176



158, 186, 185



159, 185, 193

Triad

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



158, 186, 185



188, 177, 193



193, 178, 163

Complementary

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



158, 186, 185



186, 158, 159

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.



199, 176, 168



158, 186, 185



197, 175, 185

Square

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



158, 186, 185



177, 180, 198



200, 174, 176



183, 181, 163

Rectangle

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



158, 186, 185



163, 183, 197



200, 174, 176



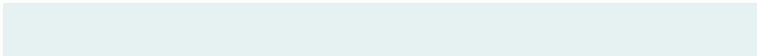
195, 177, 164

Sweetspot

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



158, 186, 185



230, 242, 242



159, 186, 158



115, 122, 122



250, 250, 250



122, 122, 122

Same Dimension

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



158, 186, 185



199, 242, 241



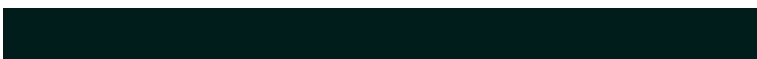
158, 173, 186



83, 92, 91



0, 156, 150



0, 28, 27

Inverse Universe

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



186, 158, 159



242, 199, 200



186, 171, 158



92, 83, 83



156, 0, 6



28, 0, 1

Previews

White Background



This preview shows how the RGB color 158, 186, 185 looks on a white background.

Color Contrast Check

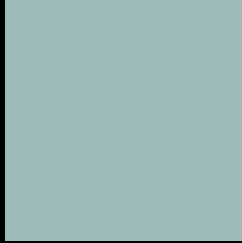
Large Text (above 18pt) WCAG AA × Fail

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, 186, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

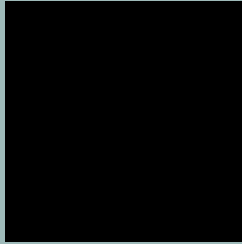
Any Text WCAG AA ✓ Pass

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, 186, 185 Background



This preview shows how black text looks on a background with the RGB color 158, 186, 185.

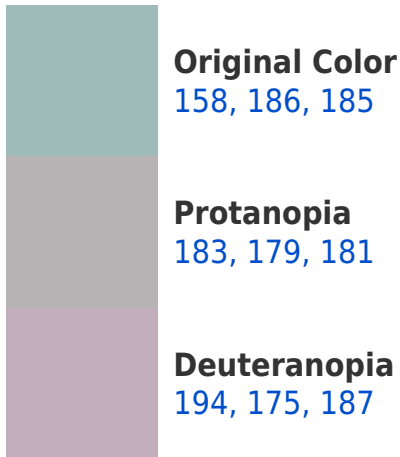


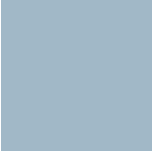
This preview shows how white text looks on a background with the RGB color 158, 186, 185.

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](#).

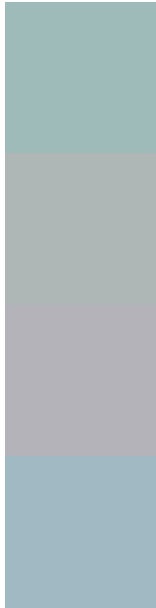
Dichromacy





Tritanopia
161, 184, 199

Trichromacy



Original Color

158, 186, 185

Protanomaly

174, 182, 182

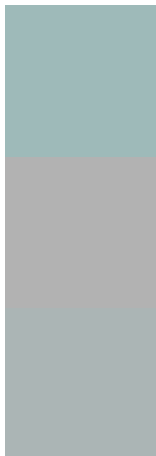
Deuteranomaly

181, 179, 186

Tritanomaly

160, 185, 194

Monochromacy



Original Color

158, 186, 185

Achromatopsia

178, 178, 178

Achromatomaly

171, 181, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 186, 185 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, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(158, 186, 185)  
}
```

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, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 186, 185) }
```

Border

The CSS property to change the border of an element to RGB 158, 186, 185 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, 186, 185) }
```

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

```
.border{ border-color:rgb(158, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(158, 186,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 158, 186, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 186, 185) }
```

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

```
.background{ background-color: rgb(158,  
186, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor