

Converting Colors

RGB(158, 197, 184)

Have a look what the booklet for
RGB(158, 197, 184) contains.

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Color

RGB(158, 197, 184)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5B8
RGB	158, 197, 184
RGB Percent	62%, 77%, 72%
CMY	0.3804, 0.2275, 0.2784
CMYK	0.20, 0.00, 0.07, 0.23
HSL	160°, 25%, 70%
HSV	160°, 20%, 77%
XYZ	42.7185, 50.6623, 52.8747
YIQ	183.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

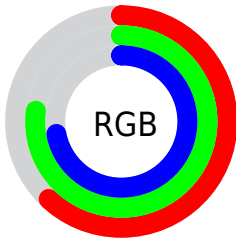
Format	Color
RYB	158, 181, 197
Decimal	10405304
CIELab	76.47, -15.60, 2.24
CIELCh	76, 15.757, 171.844
Yxy	50.6623, 0.2921, 0.3464
Android (android.graphics.Color)	4288595384 (0xFF9EC5B8)
YUV	183.8570, 0.0705, -22.6766
Hunter-Lab	71.1775, -17.4303, 5.7802

Details

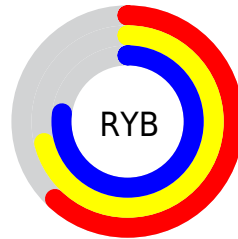
The RGB color **158, 197, 184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **197, 158, 171**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **213, 254, 240**, and **106, 143, 131** is the 20% darker color. If you saturate the color by 10%, you get **138, 197, 177**, and if you desaturate by 10%, it is **178, 197, 191**.

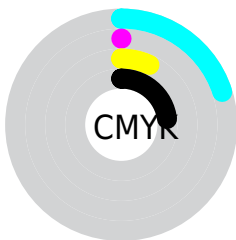
Distribution



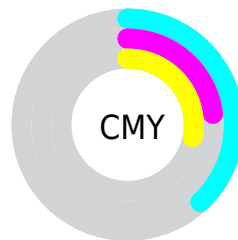
- Red (62%)
- Green (77%)
- Blue (72%)



- Red (62%)
- Yellow (71%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 197, 184 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, 197, 184 by changing the saturation by 10% instead.


 158, 197, 184

255, 255, 255


 213, 254, 240

 242, 255, 255

 158, 197, 184

 132, 170, 157

 106, 143, 131

 81, 117, 106

 57, 93, 82

 34, 69, 59

 10, 46, 37


 0, 27, 16

 0, 0, 0

 158, 197, 184


 158, 197, 184

 138, 197, 177


 178, 197, 191

 119, 197, 171


 197, 197, 197


 99, 197, 164


 217, 197, 204

 79, 197, 158


 237, 197, 210


 60, 197, 151

 255, 197, 217

 40, 197, 145

 255, 197, 223


 20, 197, 138

 255, 197, 230

 0, 197, 131

 255, 197, 237

 0, 197, 131

 255, 197, 243

Harmonies

Analogous

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



172, 195, 170



158, 197, 184



151, 197, 199

Triad

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



158, 197, 184



186, 186, 216



215, 182, 166

Complementary

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



158, 197, 184



197, 158, 171

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.



220, 179, 178



158, 197, 184



204, 182, 207

Square

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



158, 197, 184



168, 191, 217



216, 179, 193



204, 186, 160

Rectangle

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



158, 197, 184



152, 196, 207



216, 179, 193



218, 181, 170

Sweetspot

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



158, 197, 184



240, 255, 250



171, 197, 158



119, 128, 125



0, 0, 0



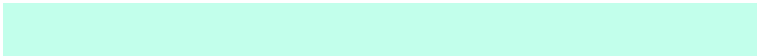
128, 128, 128

Same Dimension

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



158, 197, 184



194, 255, 235



158, 191, 197



90, 99, 96



0, 163, 109



0, 36, 24

Inverse Universe

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



197, 158, 171



255, 194, 214



197, 165, 158



99, 90, 93



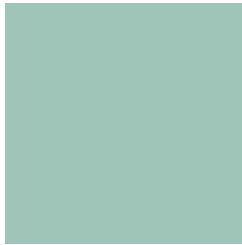
163, 0, 54



36, 0, 12

Previews

White Background



This preview shows how the RGB color 158, 197, 184 looks on a white background.

Color Contrast Check

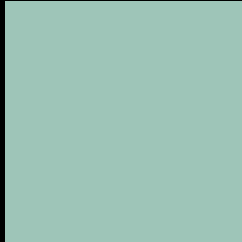
Large Text (above 18pt) WCAG AA × Fail

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, 197, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

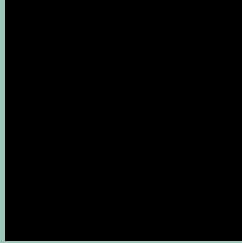
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

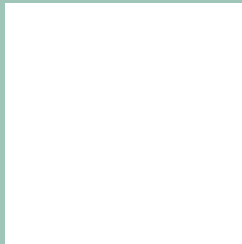
Any Text WCAG AAA ✓ Pass

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

RGB 158, 197, 184 Background



This preview shows how black text looks on a background with the RGB color 158, 197, 184.

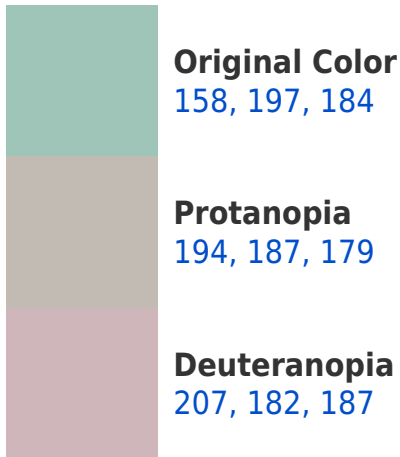


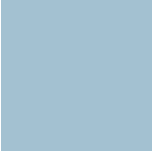
This preview shows how white text looks on a background with the RGB color 158, 197, 184.

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](#).

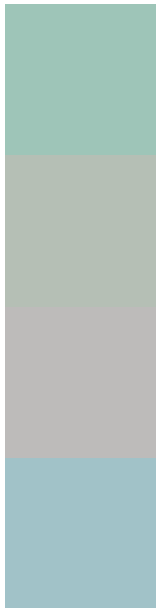
Dichromacy





Tritanopia
163, 193, 209

Trichromacy



Original Color

158, 197, 184

Protanomaly

181, 191, 181

Deuteranomaly

189, 187, 186

Tritanomaly

161, 194, 200

Monochromacy



Original Color

158, 197, 184

Achromatopsia

184, 184, 184

Achromatomaly

175, 189, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 197, 184 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, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 184)  
}
```

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, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 184) }
```

Border

The CSS property to change the border of an element to RGB 158, 197, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

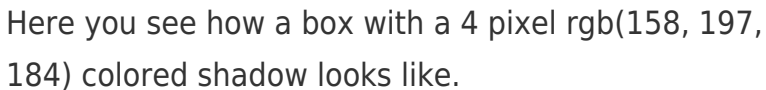
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 197, 184) }
```

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

```
.border{ border-color:rgb(158, 197, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 158, 197, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 184) }
```

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

```
.background{ background-color: rgb(158,  
197, 184) }
```

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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