

Converting Colors

RGB(158, 194, 183)

Have a look what the booklet for
RGB(158, 194, 183) contains.

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Color

RGB(158, 194, 183)

Conversions

Conversions Part 1

Format	Color
Hex	9EC2B7
RGB	158, 194, 183
RGB Percent	62%, 76%, 72%
CMY	0.3804, 0.2392, 0.2824
CMYK	0.19, 0.00, 0.06, 0.24
HSL	162°, 23%, 69%
HSV	162°, 19%, 76%
XYZ	41.9396, 49.2716, 52.0997
YIQ	181.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

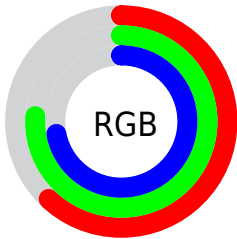
Format	Color
RYB	158, 179, 194
Decimal	10404535
CIELab	75.62, -14.26, 1.53
CIELCh	76, 14.341, 173.856
Yxy	49.2716, 0.2926, 0.3438
Android (android.graphics.Color)	4288594615 (0xFF9EC2B7)
YUV	181.9820, 0.5019, -21.0322
Hunter-Lab	70.1937, -16.1882, 5.1290

Details

The RGB color **158, 194, 183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 158, 169**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **213, 251, 239**, and **106, 140, 130** is the 20% darker color. If you saturate the color by 10%, you get **139, 194, 177**, and if you desaturate by 10%, it is **177, 194, 189**.

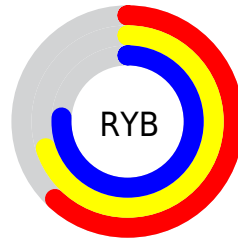
Distribution



Red (62%)

Green (76%)

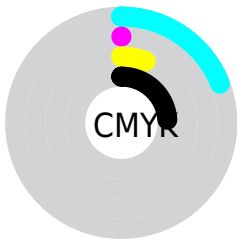
Blue (72%)



Red (62%)

Yellow (70%)

Blue (76%)

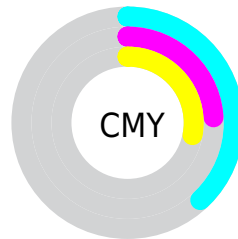


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (38%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 194, 183 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, 194, 183 by changing the saturation by 10% instead.


 158, 194, 183

255, 255, 255


 213, 251, 239

 242, 255, 255

 158, 194, 183

 132, 167, 156

 106, 140, 130

 81, 115, 105


 58, 90, 81


 35, 67, 58

 12, 44, 36

 0, 25, 15

 0, 0, 0

 158, 194, 183


 158, 194, 183


 139, 194, 177


 177, 194, 189

 119, 194, 171


 197, 194, 195

 100, 194, 165


 216, 194, 201

 80, 194, 159


 236, 194, 207

 61, 194, 153

 255, 194, 213

 42, 194, 147

 255, 194, 219

 22, 194, 142

 255, 194, 224

 3, 194, 136

 255, 194, 230

 0, 194, 135

 255, 194, 236

Harmonies

Analogous

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



170, 192, 170



158, 194, 183



152, 194, 196

Triad

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



158, 194, 183



186, 184, 210



210, 180, 165

Complementary

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



158, 194, 183



194, 158, 169

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.



215, 178, 176



158, 194, 183



201, 180, 202

Square

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



158, 194, 183



169, 188, 212



212, 178, 190



200, 184, 160

Rectangle

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



158, 194, 183



154, 193, 204



212, 178, 190



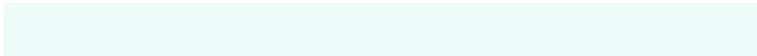
213, 179, 169

Sweetspot

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



158, 194, 183



237, 252, 248



169, 194, 158



119, 128, 125



0, 0, 0



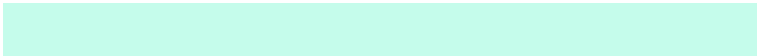
128, 128, 128

Same Dimension

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



158, 194, 183



197, 252, 235



158, 187, 194



87, 97, 94



0, 161, 112



0, 33, 23

Inverse Universe

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



194, 158, 169



252, 197, 214



194, 165, 158



97, 87, 90



161, 0, 49



33, 0, 10

Previews

White Background



This preview shows how the RGB color 158, 194, 183 looks on a white background.

Color Contrast Check

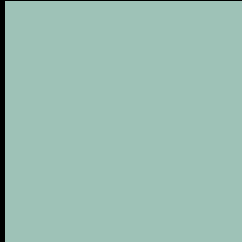
Large Text (above 18pt) WCAG AA × Fail

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, 194, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

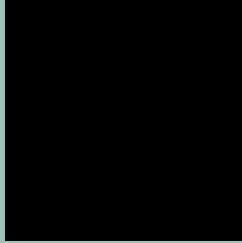
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

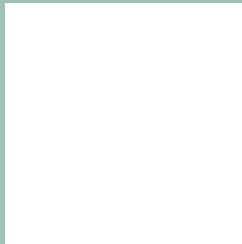
Any Text WCAG AAA ✓ Pass

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

RGB 158, 194, 183 Background



This preview shows how black text looks on a background with the RGB color 158, 194, 183.



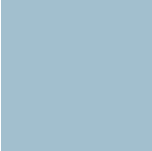
This preview shows how white text looks on a background with the RGB color 158, 194, 183.

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
162, 191, 206

Trichromacy



Original Color
158, 194, 183

Protanomaly
179, 188, 180

Deuteranomaly
187, 185, 185

Tritanomaly
161, 192, 198

Monochromacy



Original Color
158, 194, 183

Achromatopsia
182, 182, 182

Achromatomaly
173, 186, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 194, 183 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, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(158, 194, 183)  
}
```

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, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 194, 183) }
```

Border

The CSS property to change the border of an element to RGB 158, 194, 183 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, 194, 183) }
```

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

```
.border{ border-color:rgb(158, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(158, 194,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 158, 194, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 194, 183) }
```

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

```
.background{ background-color: rgb(158,  
194, 183) }
```

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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