

Converting Colors

RGB(158, 197, 190)

Have a look what the booklet for
RGB(158, 197, 190) contains.

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Color

RGB(158, 197, 190)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5BE
RGB	158, 197, 190
RGB Percent	62%, 77%, 75%
CMY	0.3804, 0.2275, 0.2549
CMYK	0.20, 0.00, 0.04, 0.23
HSL	169°, 25%, 70%
HSV	169°, 20%, 77%
XYZ	43.3611, 50.9193, 56.2582
YIQ	184.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

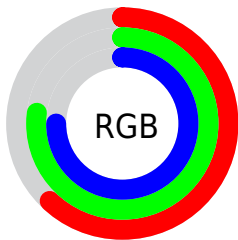
Format	Color
RYB	158, 179, 197
Decimal	10405310
CIELab	76.63, -14.36, -0.78
CIELCh	77, 14.381, 183.107
Yxy	50.9193, 0.2880, 0.3382
Android (android.graphics.Color)	4288595390 (0xFF9EC5BE)
YUV	184.5410, 2.6913, -23.2765
Hunter-Lab	71.3578, -16.4093, 3.2064

Details

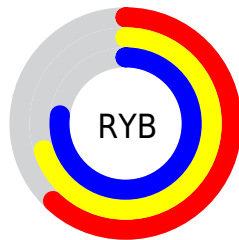
The RGB color **158, 197, 190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **197, 158, 165**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **213, 254, 246**, and **106, 143, 137** is the 20% darker color. If you saturate the color by 10%, you get **138, 197, 186**, and if you desaturate by 10%, it is **178, 197, 194**.

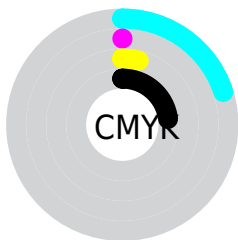
Distribution



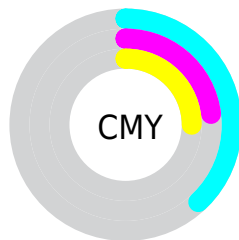
- Red (62%)
- Green (77%)
- Blue (75%)



- Red (62%)
- Yellow (70%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 197, 190 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, 190 by changing the saturation by 10% instead.


 158, 197, 190

255, 255, 255


 213, 254, 246

 242, 255, 255

 158, 197, 190

 132, 170, 163

 106, 143, 137

 81, 117, 111

 57, 93, 87

 34, 69, 64

 9, 47, 42

 0, 27, 21

 0, 0, 0

 158, 197, 190


 158, 197, 190

 138, 197, 186


 178, 197, 194

 119, 197, 183


 197, 197, 197

 99, 197, 179


 217, 197, 201

 79, 197, 176


 237, 197, 204

 60, 197, 172

 255, 197, 208

 40, 197, 169

 255, 197, 211

 20, 197, 165

 255, 197, 215

 0, 197, 162

 255, 197, 218

 0, 197, 162

 255, 197, 222

Harmonies

Analogous

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



169, 196, 177



158, 197, 190



155, 196, 203

Triad

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



158, 197, 190



193, 185, 211



211, 184, 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, 190



197, 158, 165

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.



217, 181, 175



158, 197, 190



208, 182, 201

Square

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



158, 197, 190



177, 190, 215



216, 180, 188



199, 189, 163

Rectangle

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



158, 197, 190



159, 195, 210



216, 180, 188



213, 183, 168

Sweetspot

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



158, 197, 190



240, 255, 252



165, 197, 158



119, 128, 126



0, 0, 0



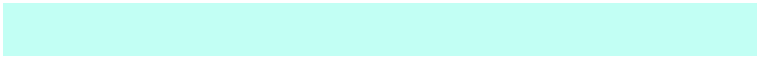
128, 128, 128

Same Dimension

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



158, 197, 190



194, 255, 244



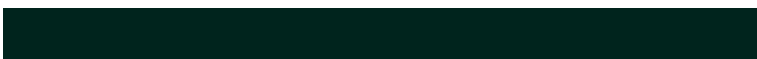
158, 185, 197



90, 99, 98



0, 163, 134



0, 36, 29

Inverse Universe

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



197, 158, 165



255, 194, 205



197, 170, 158



99, 90, 91



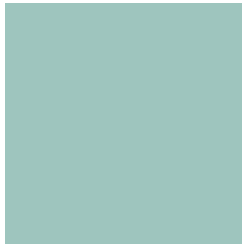
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RGB color 158, 197, 190 looks on a white background.

Color Contrast Check

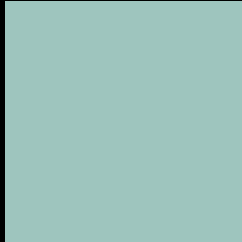
Large Text (above 18pt) WCAG AA × Fail

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, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

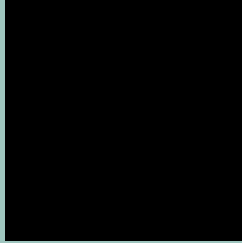
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

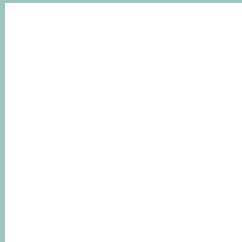
Any Text WCAG AAA ✓ Pass

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

RGB 158, 197, 190 Background



This preview shows how black text looks on a background with the RGB color 158, 197, 190.



This preview shows how white text looks on a background with the RGB color 158, 197, 190.

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, 194, 210

Trichromacy



Original Color

158, 197, 190

Protanomaly

180, 191, 187

Deuteranomaly

188, 188, 192

Tritanomaly

161, 195, 203

Monochromacy



Original Color

158, 197, 190

Achromatopsia

185, 185, 185

Achromatomaly

175, 189, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 197, 190 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 190) }
```

Border

The CSS property to change the border of an element to RGB 158, 197, 190 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, 190) }
```

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

```
.border{ border-color:rgb(158, 197, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 158, 197, 190 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, 190) }
```

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

```
.background{ background-color: rgb(158,  
197, 190) }
```

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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