

Converting Colors

RGB(158, 196, 195)

Have a look what the booklet for
RGB(158, 196, 195) contains.

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Color

RGB(158, 196, 195)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9EC4C3 |
| RGB | 158, 196, 195 |
| RGB Percent | 62%, 77%, 76% |
| CMY | 0.3804, 0.2314, 0.2353 |
| CMYK | 0.19, 0.00, 0.01, 0.23 |
| HSL | 178°, 24%, 69% |
| HSV | 178°, 19%, 77% |
| XYZ | 43.6908, 50.6891, 59.1110 |
| YIQ | 184.5240, -22.3270, -8.3670 |

Conversions

Conversions Part 2

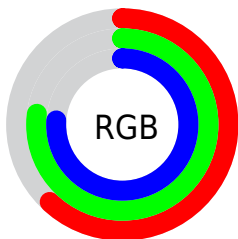
| Format | Color |
|-------------------------------------|--|
| RYB | 158, 177, 196 |
| Decimal | 10405059 |
| CIELab | 76.49, -12.78, -3.69 |
| CIElCh | 76, 13.305, 196.095 |
| Yxy | 50.6891, 0.2846, 0.3302 |
| Android (android.graphics.Color) | 4288595139 (0xFF9EC4C3) |
| YUV | 184.5240, 5.1647, -23.2615 |
| Hunter-Lab | 71.1963, -15.0539, 0.6116 |

Details

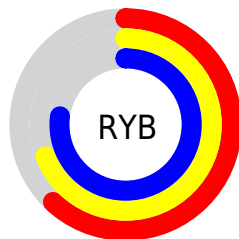
The RGB color **158, 196, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **196, 158, 159**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **213, 253, 252**, and **106, 142, 141** is the 20% darker color. If you saturate the color by 10%, you get **138, 196, 194**, and if you desaturate by 10%, it is **178, 196, 196**.

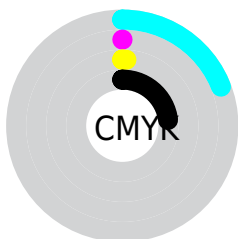
Distribution



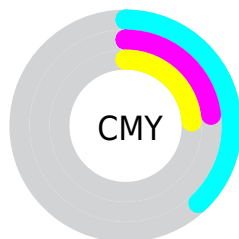
- Red (62%)
- Green (77%)
- Blue (76%)



- Red (62%)
- Yellow (69%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 196, 195 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, 196, 195 by changing the saturation by 10% instead.


 158, 196, 195

255, 255, 255


 213, 253, 252

 242, 255, 255

 158, 196, 195

 131, 169, 168

 106, 142, 141

 81, 117, 116


 57, 92, 91

 33, 68, 68

 8, 46, 46

 0, 26, 25


 0, 0, 0

 158, 196, 195


 158, 196, 195

 138, 196, 194


 178, 196, 196


 119, 196, 194


 197, 196, 196

 99, 196, 193


 217, 196, 197

 80, 196, 193


 236, 196, 197

 60, 196, 192

 255, 196, 198

 40, 196, 192

 255, 196, 198

 21, 196, 191

 255, 196, 199

 1, 196, 191

 255, 196, 199

 0, 196, 191

 255, 196, 200

Harmonies

Analogous

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



165, 196, 182



158, 196, 195



159, 195, 206

Triad

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



158, 196, 195



199, 184, 206



204, 186, 165

Complementary

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



158, 196, 195



196, 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.



213, 182, 171



158, 196, 195



210, 181, 195

Square

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



158, 196, 195



184, 187, 212



215, 180, 182



192, 190, 165

Rectangle

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



158, 196, 195



165, 193, 211



215, 180, 182



208, 185, 167

Sweetspot

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



158, 196, 195



240, 255, 255



159, 196, 158



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



158, 196, 195



196, 255, 253



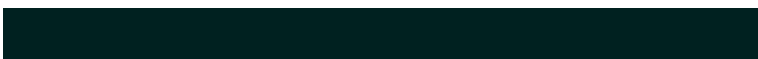
158, 178, 196



87, 97, 97



0, 161, 156



0, 33, 32

Inverse Universe

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



196, 158, 159



255, 196, 198



196, 176, 158



97, 87, 87



161, 0, 4



33, 0, 1

Previews

White Background



This preview shows how the RGB color 158, 196, 195 looks on a white background.

Color Contrast Check

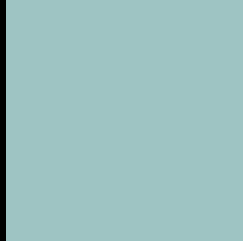
Large Text (above 18pt) WCAG AA × Fail

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, 196, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

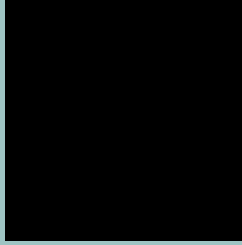
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

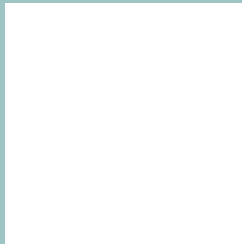
Any Text WCAG AAA ✓ Pass

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

RGB 158, 196, 195 Background



This preview shows how black text looks on a background with the RGB color 158, 196, 195.

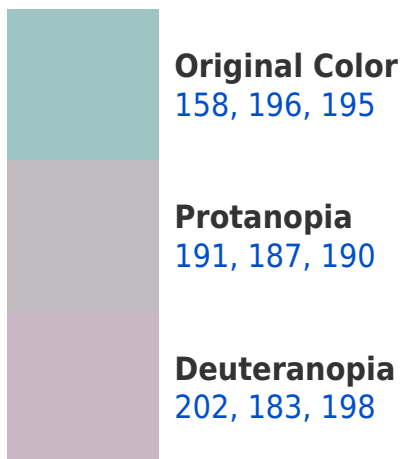


This preview shows how white text looks on a background with the RGB color 158, 196, 195.

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, 194, 209

Trichromacy



Original Color

158, 196, 195

Protanomaly

179, 190, 192

Deuteranomaly

186, 188, 197

Tritanomaly

160, 195, 204

Monochromacy



Original Color

158, 196, 195

Achromatopsia

185, 185, 185

Achromatomaly

175, 189, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 196, 195 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, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(158, 196, 195)  
}
```

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, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 196, 195) }
```

Border

The CSS property to change the border of an element to RGB 158, 196, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

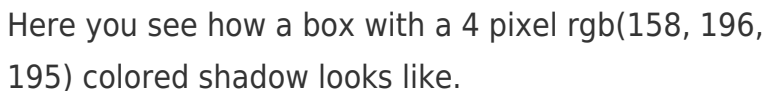
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 196, 195) }
```

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

```
.border{ border-color:rgb(158, 196, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 196, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 196, 195); box-shadow:4px 4px 4px 4px rgb(158, 196, 195) }
```

Background

The CSS property to change the background color of an element to RGB 158, 196, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 196, 195) }
```

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

```
.background{ background-color: rgb(158,  
196, 195) }
```

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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