

Converting Colors

RGB(158, 202, 188)

Have a look what the booklet for
RGB(158, 202, 188) contains.

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Color

RGB(158, 202, 188)

Conversions

Conversions Part 1

Format	Color
Hex	9ECABC
RGB	158, 202, 188
RGB Percent	62%, 79%, 74%
CMY	0.3804, 0.2078, 0.2627
CMYK	0.22, 0.00, 0.07, 0.21
HSL	161°, 29%, 71%
HSV	161°, 22%, 79%
XYZ	44.2982, 53.1410, 55.4994
YIQ	187.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

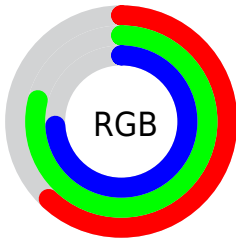
Format	Color
RYB	158, 184, 202
Decimal	10406588
CIELab	77.96, -17.33, 2.24
CIELCh	78, 17.474, 172.651
Yxy	53.1410, 0.2896, 0.3475
Android (android.graphics.Color)	4288596668 (0xFF9ECABC)
YUV	187.2480, 0.3707, -25.6505
Hunter-Lab	72.8979, -19.1014, 5.8892

Details

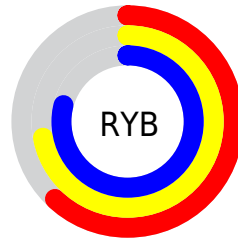
The RGB color **158, 202, 188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **202, 158, 172**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **213, 255, 244**, and **106, 148, 135** is the 20% darker color. If you saturate the color by 10%, you get **138, 202, 182**, and if you desaturate by 10%, it is **178, 202, 194**.

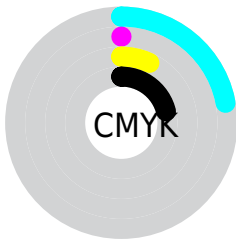
Distribution



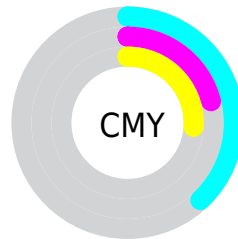
- Red (62%)
- Green (79%)
- Blue (74%)



- Red (62%)
- Yellow (72%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 202, 188 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, 202, 188 by changing the saturation by 10% instead.


 158, 202, 188

255, 255, 255


 213, 255, 244

 242, 255, 255

 158, 202, 188

 131, 175, 161

 106, 148, 135

 81, 122, 110

 56, 97, 85

 33, 73, 62

 7, 50, 40

 0, 30, 20

 0, 0, 0

 158, 202, 188

 158, 202, 188

 138, 202, 182

 178, 202, 194

 118, 202, 175

 198, 202, 201

 97, 202, 169

 219, 202, 207

 77, 202, 162

 239, 202, 214

 57, 202, 156

 255, 202, 220

 37, 202, 149

 255, 202, 227

 17, 202, 143

 255, 202, 233

 0, 202, 138

 255, 202, 239

 255, 202, 246

Harmonies

Analogous

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



174, 200, 173



158, 202, 188



150, 202, 205

Triad

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



158, 202, 188



191, 190, 223



222, 185, 168

Complementary

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



158, 202, 188



202, 158, 172

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.



227, 182, 181



158, 202, 188



210, 185, 213

Square

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



158, 202, 188



170, 195, 224



223, 182, 197



210, 190, 161

Rectangle

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



158, 202, 188



152, 201, 214



223, 182, 197



225, 184, 171

Sweetspot

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



158, 202, 188



237, 255, 249



173, 202, 158



117, 128, 124



0, 0, 0



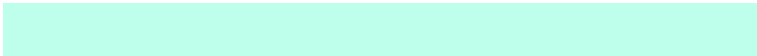
128, 128, 128

Same Dimension

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



158, 202, 188



189, 255, 234



158, 195, 202



92, 102, 99



0, 166, 113



0, 38, 26

Inverse Universe

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



202, 158, 172



255, 189, 210



202, 165, 158



102, 92, 95



166, 0, 53



38, 0, 12

Previews

White Background



This preview shows how the RGB color 158, 202, 188 looks on a white background.

Color Contrast Check

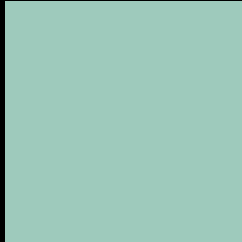
Large Text (above 18pt) WCAG AA × Fail

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, 202, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

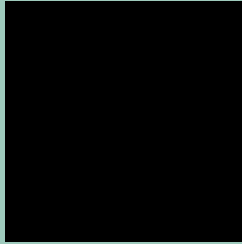
Any Text WCAG AA ✓ Pass

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, 202, 188 Background



This preview shows how black text looks on a background with the RGB color 158, 202, 188.

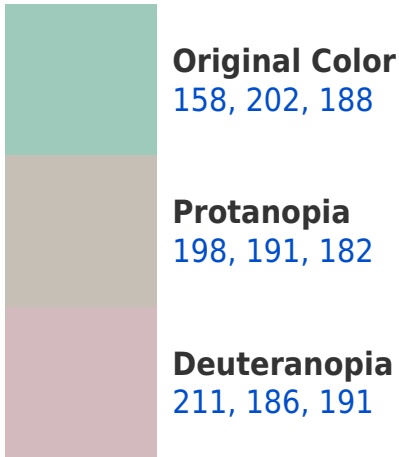


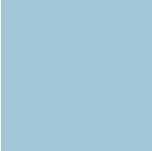
This preview shows how white text looks on a background with the RGB color 158, 202, 188.

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, 198, 214

Trichromacy



Original Color
158, 202, 188

Protanomaly
183, 195, 184

Deuteranomaly
192, 192, 190

Tritanomaly
161, 199, 205

Monochromacy



Original Color
158, 202, 188

Achromatopsia
187, 187, 187

Achromatomaly
176, 192, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 202, 188 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, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(158, 202, 188)  
}
```

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, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 202, 188) }
```

Border

The CSS property to change the border of an element to RGB 158, 202, 188 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, 202, 188) }
```

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

```
.border{ border-color:rgb(158, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(158, 202,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 158, 202, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 202, 188) }
```

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

```
.background{ background-color: rgb(158,  
202, 188) }
```

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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