

Converting Colors

RGB(150, 178, 177)

Have a look what the booklet for
RGB(150, 178, 177) contains.

RGB(150, 178, 177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(150, 178, 177)

Conversions

Conversions Part 1

Format	Color
Hex	96B2B1
RGB	150, 178, 177
RGB Percent	59%, 70%, 69%
CMY	0.4118, 0.3020, 0.3059
CMYK	0.16, 0.00, 0.01, 0.30
HSL	178°, 15%, 64%
HSV	178°, 16%, 70%
XYZ	36.4339, 41.4991, 47.6848
YIQ	169.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

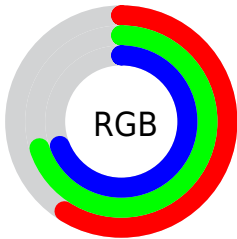
Format	Color
RYB	150, 164, 178
Decimal	9876145
CIELab	70.52, -9.74, -2.70
CIELCh	71, 10.106, 195.504
Yxy	41.4991, 0.2900, 0.3304
Android (android.graphics.Color)	4288066225 (0xFF96B2B1)
YUV	169.5140, 3.6906, -17.1138
Hunter-Lab	64.4198, -11.7806, 1.2062

Details

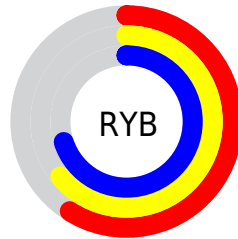
The RGB color **150, 178, 177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178, 150, 151**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **204, 234, 233**, and **99, 125, 124** is the 20% darker color. If you saturate the color by 10%, you get **132, 178, 176**, and if you desaturate by 10%, it is **168, 178, 178**.

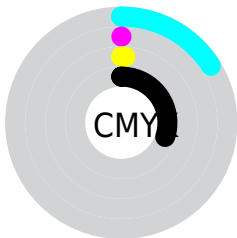
Distribution



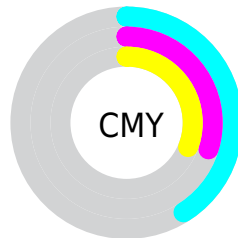
- Red (59%)
- Green (70%)
- Blue (69%)



- Red (59%)
- Yellow (64%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 178, 177 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 150, 178, 177 by changing the saturation by 10% instead.


 150, 178, 177


255, 255, 255


 204, 234, 233


 233, 255, 255

 150, 178, 177

 124, 151, 150

 99, 125, 124

 74, 100, 100

 51, 76, 76


 29, 54, 53

 7, 32, 32

 0, 4, 8

 0, 0, 0

 150, 178, 177

 150, 178, 177

■ 132, 178, 176

■ 168, 178, 178

■ 114, 178, 176

■ 186, 178, 178

■ 97, 178, 175

■ 203, 178, 179

■ 79, 178, 174

■ 221, 178, 180

■ 61, 178, 174

■ 239, 178, 180

■ 43, 178, 173

■ 255, 178, 181

■ 25, 178, 173

■ 255, 178, 181

■ 8, 178, 172

■ 255, 178, 182

■ 0, 178, 172

■ 255, 178, 183

Harmonies

Analogous

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



155, 178, 168



150, 178, 177



151, 177, 185

Triad

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



150, 178, 177



180, 169, 185



185, 170, 155

Complementary

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



150, 178, 177



178, 150, 151

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.



191, 168, 160



150, 178, 177



189, 167, 177

Square

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



150, 178, 177



169, 172, 190



192, 166, 168



175, 173, 155

Rectangle

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



150, 178, 177



155, 176, 189



192, 166, 168



187, 169, 156

Sweetspot

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



150, 178, 177



220, 232, 232



151, 178, 150



110, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



150, 178, 177



188, 232, 230



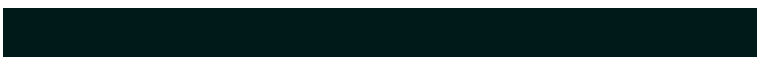
150, 165, 178



80, 89, 89



0, 153, 148



0, 26, 25

Inverse Universe

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



178, 150, 151



232, 188, 190



178, 163, 150



89, 80, 81



153, 0, 5



26, 0, 1

Previews

White Background



This preview shows how the RGB color 150, 178, 177 looks on a white background.

Color Contrast Check

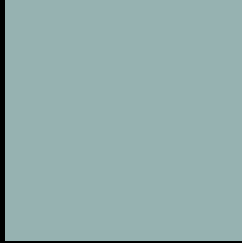
Large Text (above 18pt) WCAG AA × Fail

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 150, 178, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

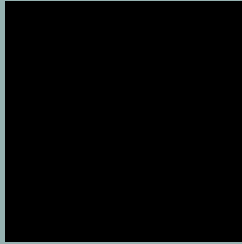
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

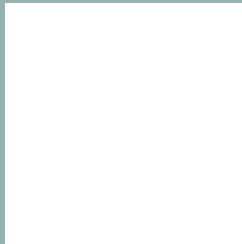
Any Text WCAG AAA ✓ Pass

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

RGB 150, 178, 177 Background



This preview shows how black text looks on a background with the RGB color 150, 178, 177.

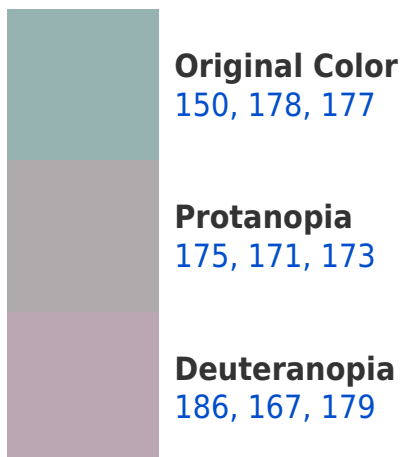


This preview shows how white text looks on a background with the RGB color 150, 178, 177.

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
152, 176, 190

Trichromacy



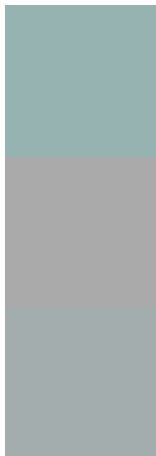
Original Color
150, 178, 177

Protanomaly
166, 174, 174

Deuteranomaly
173, 171, 178

Tritanomaly
151, 177, 185

Monochromacy



Original Color
150, 178, 177

Achromatopsia
170, 170, 170

Achromatomaly
163, 173, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 178, 177 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(150, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 178, 177)  
}
```

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(150, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 178, 177) }
```

Border

The CSS property to change the border of an element to RGB 150, 178, 177 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(150, 178, 177) }
```

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

```
.border{ border-color:rgb(150, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(150, 178,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 150, 178, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 178, 177) }
```

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

```
.background{ background-color: rgb(150,  
178, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor