

# Converting Colors

RGB(177, 158, 180)

Have a look what the booklet for  
RGB(177, 158, 180) contains.

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# **Color**

**RGB(177, 158, 180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19EB4
RGB	177, 158, 180
RGB Percent	69%, 62%, 71%
CMY	0.3059, 0.3804, 0.2941
CMYK	0.02, 0.12, 0.00, 0.29
HSL	292°, 13%, 66%
HSV	292°, 12%, 71%
XYZ	38.5965, 37.0961, 48.3060
YIQ	166.1890, 4.2620, 10.8700

# Conversions

## Conversions Part 2

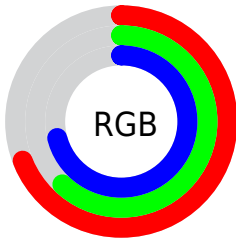
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 158, 180
Decimal	11640500
CIELab	67.35, 11.00, -8.83
CIELCh	67, 14.104, 321.229
Yxy	37.0961, 0.3113, 0.2992
Android (android.graphics.Color)	4289830580 (0xFFB19EB4)
YUV	166.1890, 6.8088, 9.4812
Hunter-Lab	60.9066, 6.5290, -4.3893

# Details

The RGB color **177, 158, 180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 180, 158**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **233, 213, 236**, and **124, 107, 127** is the 20% darker color. If you saturate the color by 10%, you get **175, 140, 180**, and if you desaturate by 10%, it is **179, 176, 180**.

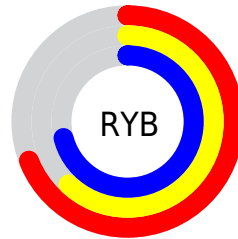
# Distribution



Red (69%)

Green (62%)

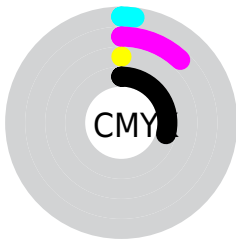
Blue (71%)



Red (69%)

Yellow (62%)

Blue (71%)

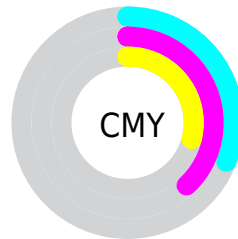


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 177, 158, 180 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 177, 158, 180 by changing the saturation by 10% instead.



 177, 158, 180


255, 255, 255

 233, 213, 236

 255, 241, 255


 177, 158, 180


 150, 132, 153

 124, 107, 127

 99, 82, 102


 75, 59, 78


 53, 37, 55

 31, 17, 34

 0, 0, 10

 0, 0, 0

 177, 158, 180


 177, 158, 180

 175, 140, 180

 179, 176, 180

 172, 122, 180

 182, 194, 180

 170, 104, 180


 184, 212, 180

 167, 86, 180

 187, 230, 180

 165, 68, 180

 189, 248, 180

 162, 50, 180

 192, 255, 180

 160, 32, 180

 194, 255, 180

 157, 14, 180

 197, 255, 180

 155, 0, 180

 199, 255, 180

# Harmonies

## Analogous

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



162, 162, 188



177, 158, 180



188, 156, 168

# Triad

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



177, 158, 180



178, 162, 139



131, 171, 173

# Complementary

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



177, 158, 180



161, 180, 158

# 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.



137, 171, 160



177, 158, 180



164, 166, 140

# Square

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



177, 158, 180



188, 158, 145



150, 169, 148



134, 170, 183

# Rectangle

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



177, 158, 180



191, 155, 160



150, 169, 148



132, 172, 168



# Sweetspot

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



177, 158, 180



233, 225, 235



158, 161, 180



117, 111, 117



245, 245, 245



117, 117, 117



# Same Dimension

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



177, 158, 180



230, 199, 235



180, 158, 172



88, 80, 89



132, 0, 153



22, 0, 26



# Inverse Universe

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



180, 158, 161



235, 199, 204



158, 180, 166



89, 80, 82



153, 0, 21



26, 0, 3



# Previews

## White Background



This preview shows how the RGB color 177, 158, 180 looks on a white background.

## Color Contrast Check

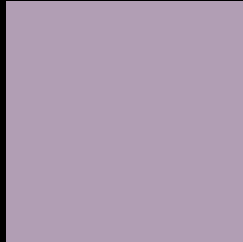
Large Text (above 18pt) WCAG AA × Fail

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 177, 158, 180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

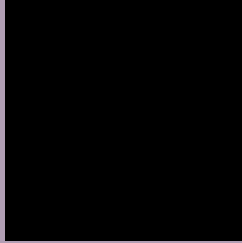
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 177, 158, 180 Background



This preview shows how black text looks on a background with the RGB color 177, 158, 180.



This preview shows how white text looks on a background with the RGB color 177, 158, 180.

# 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



**Original Color**  
177, 158, 180

**Protanopia**  
161, 163, 183

**Deuteranopia**  
173, 160, 180



**Tritanopia**  
176, 159, 172

# Trichromacy



**Original Color**

177, 158, 180

**Protanomaly**

167, 161, 182

**Deuteranomaly**

174, 159, 180

**Tritanomaly**

176, 159, 175

# Monochromacy



**Original Color**

177, 158, 180

**Achromatopsia**

166, 166, 166

**Achromatomaly**

170, 163, 171

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 177, 158, 180 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(177, 158, 180) looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 180)  
}
```

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(177, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 180) }
```

## Border

The CSS property to change the border of an element to RGB 177, 158, 180 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(177, 158, 180) }
```

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

```
.border{ border-color:rgb(177, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
180) }
```

# Background

The CSS property to change the background color of an element to RGB 177, 158, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 180) }
```

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

```
.background{ background-color: rgb(177,  
158, 180) }
```

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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