

Converting Colors

`RYB(177, 158, 194)`

Have a look what the booklet for RYB(177, 158, 194) contains.

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Color

R_YB(177, 158, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B19EC2
RGB	177, 158, 194
RGB Percent	69%, 62%, 76%
CMY	0.3059, 0.3804, 0.2392
CMYK	0.09, 0.19, 0.00, 0.24
HSL	272°, 23%, 69%
HSV	272°, 19%, 76%
XYZ	40.0959, 37.6959, 56.2017
YIQ	167.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

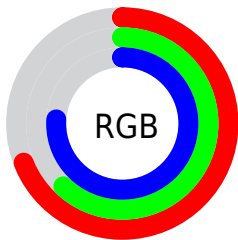
Format	Color
RYB	177, 158, 194
Decimal	11640514
CIELab	67.80, 13.80, -15.96
CIELCh	68, 21.100, 310.863
Yxy	37.6959, 0.2992, 0.2813
Android (android.graphics.Color)	4289830594 (0xFFB19EC2)
YUV	167.7850, 12.9240, 8.0816
Hunter-Lab	61.3970, 9.1266, -11.2951

Details

The RYB color **177, 158, 194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **158, 194, 177**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **233, 213, 251**, and **124, 107, 140** is the 20% darker color. If you saturate the color by 10%, you get **168, 139, 194**, and if you desaturate by 10%, it is **186, 177, 194**.

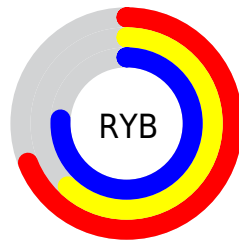
Distribution



Red (69%)

Green (62%)

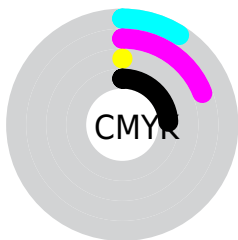
Blue (76%)



Red (69%)

Yellow (62%)

Blue (76%)

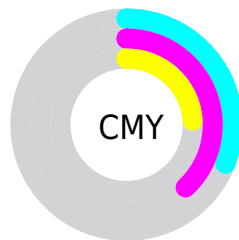


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 158, 194 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 RYB color 177, 158, 194 by changing the saturation by 10% instead.

■ 177, 158, 194

255, 255, 255

■ 233, 213, 251

■ 255, 241, 255

■ 177, 158, 194

■ 150, 132, 167

■ 124, 107, 140

■ 99, 82, 115

■ 75, 59, 90

■ 52, 37, 67

■ 30, 17, 44

■ 0, 0, 24

■ 0, 0, 0

■ 177, 158, 194

■ 177, 158, 194

168, 139, 194

186, 177, 194

159, 119, 194

194, 197, 196

150, 100, 194

194, 216, 206

140, 80, 194

194, 236, 216

131, 61, 194

194, 255, 226

122, 42, 194

194, 255, 217

113, 22, 194

194, 255, 208

104, 3, 194

194, 255, 199

102, 0, 194

194, 255, 194

Harmonies

Analogous

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



152, 162, 202



177, 158, 194



196, 153, 178

Triad

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



177, 158, 194



191, 189, 130



115, 147, 176

Complementary

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



177, 158, 194



158, 194, 177

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.



130, 160, 175



177, 158, 194



135, 172, 128

Square

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



177, 158, 194



202, 158, 141



136, 172, 157



113, 147, 189

Rectangle

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



177, 158, 194



202, 152, 165



136, 172, 157



119, 151, 176

Sweetspot

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



177, 158, 194



245, 237, 252



158, 170, 194



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 158, 194



226, 197, 252



194, 158, 193



92, 87, 97



85, 0, 161



17, 0, 33

Inverse Universe

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



194, 158, 175



252, 197, 223



158, 193, 194



97, 87, 92



161, 0, 76



33, 0, 16

Previews

White Background



This preview shows how the RYB color 177, 158, 194 looks on a white background.

Color Contrast Check

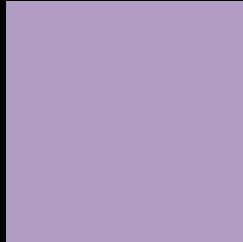
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 177, 158, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

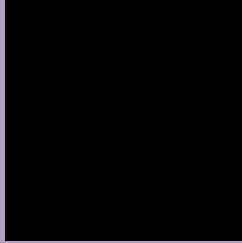
Any Text WCAG AA ✓ Pass

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](#).

RYB 177, 158, 194 Background



This preview shows how black text looks on a background with the RYB color 177, 158, 194.



This preview shows how white text looks on a background with the RYB color 177, 158, 194.

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, 194

Protanopia

158, 163, 198

Deuteranopia

168, 161, 193



Tritanopia

174, 161, 174

Trichromacy



Original Color
177, 158, 194

Protanomaly
165, 162, 197

Deuteranomaly
171, 160, 193

Tritanomaly
175, 160, 181

Monochromacy



Original Color
177, 158, 194

Achromatopsia
168, 168, 168

Achromatomaly
171, 164, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 158, 194 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 194) }
```

Border

The CSS property to change the border of an element to RYB 177, 158, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

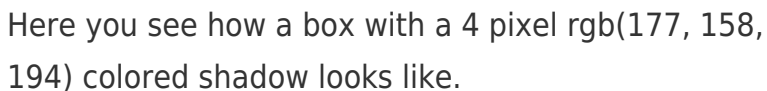
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 158, 194) }
```

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

```
.border{ border-color:rgb(177, 158, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 158, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 158, 194); box-shadow:4px 4px 4px 4px rgb(177, 158, 194) }
```

Background

The CSS property to change the background color of an element to RYB 177, 158, 194 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, 194) }
```

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

```
.background{ background-color: rgb(177,  
158, 194) }
```

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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