

Converting Colors

`RYB(177, 118, 175)`

Have a look what the booklet for RYB(177, 118, 175) contains.

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Color

R_YB(177, 118, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B176AF
RGB	177, 118, 175
RGB Percent	69%, 46%, 69%
CMY	0.3059, 0.5373, 0.3137
CMYK	0.00, 0.33, 0.01, 0.31
HSL	302°, 27%, 58%
HSV	302°, 33%, 69%
XYZ	32.3478, 25.3991, 43.7550
YIQ	142.1390, 16.8670, 30.2350

Conversions

Conversions Part 2

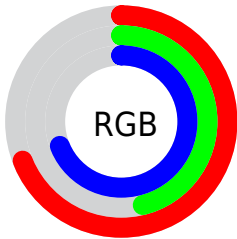
Format	Color
RYB	177, 118, 175
Decimal	11630255
CIELab	57.46, 32.44, -20.93
CIELCh	57, 38.608, 327.174
Yxy	25.3991, 0.3187, 0.2502
Android (android.graphics.Color)	4289820335 (0xFFB176AF)
YUV	142.1390, 16.2005, 30.5731
Hunter-Lab	50.3975, 26.3749, -16.1972

Details

The RYB color **177, 118, 175** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 175, 177**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **234, 171, 231**, and **123, 68, 122** is the 20% darker color. If you saturate the color by 10%, you get **177, 100, 174**, and if you desaturate by 10%, it is **177, 136, 176**.

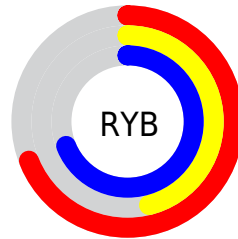
Distribution



Red (69%)

Green (46%)

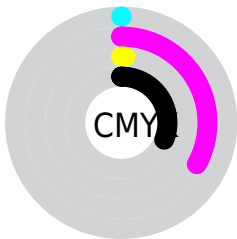
Blue (69%)



Red (69%)

Yellow (46%)

Blue (69%)

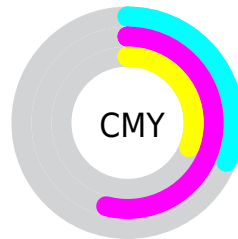


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RYB color 177, 118, 175 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, 118, 175 by changing the saturation by 10% instead.

 177, 118, 175

255, 255, 255

 234, 171, 231

 255, 199, 255

 255, 227, 255

 177, 118, 175

 150, 93, 148

 123, 68, 122


 98, 44, 97

 73, 20, 73


 49, 0, 51


 27, 0, 30

 0, 0, 0

 177, 118, 175

 177, 100, 174

 177, 118, 175

 177, 136, 176

■ 177, 83, 174

■ 177, 153, 176

■ 177, 65, 173

■ 177, 171, 177

■ 177, 47, 173

■ 177, 189, 189

■ 177, 30, 172

■ 177, 206, 207

■ 177, 12, 171

■ 177, 222, 224

■ 177, 0, 171

■ 177, 240, 242

■ 177, 252, 255

Harmonies

Analogous

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



136, 130, 198



177, 118, 175



199, 111, 143

Triad

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



177, 118, 175



107, 162, 69



0, 81, 168

Complementary

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



177, 118, 175



118, 175, 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.



21, 94, 155



177, 118, 175



76, 145, 93

Square

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



177, 118, 175



188, 149, 82



87, 141, 152



0, 85, 194

Rectangle

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



177, 118, 175



203, 111, 120



87, 141, 152



0, 78, 157

Sweetspot

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



177, 118, 175



230, 207, 229



120, 118, 177



115, 101, 114



242, 242, 242



115, 115, 115

Same Dimension

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



177, 118, 175



230, 138, 226



177, 118, 146



89, 80, 89



153, 0, 148



26, 0, 25

Inverse Universe

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



177, 118, 175



230, 138, 226



118, 157, 177



89, 80, 89



153, 0, 148



26, 0, 25

Previews

White Background



This preview shows how the RYB color 177, 118, 175 looks on a white background.

Color Contrast Check

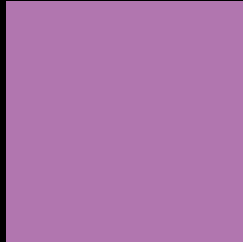
Large Text (above 18pt) WCAG AA ✓ Pass

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, 118, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

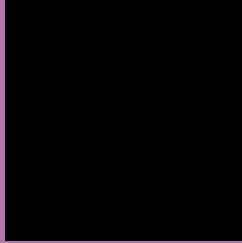
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 177, 118, 175 Background



This preview shows how black text looks on a background with the RYB color 177, 118, 175.

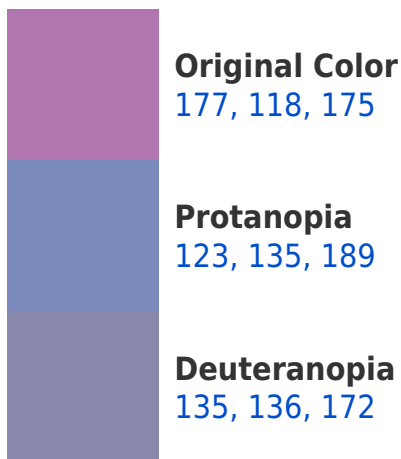


This preview shows how white text looks on a background with the RYB color 177, 118, 175.

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
172, 126, 136

Trichromacy



Original Color
177, 118, 175

Protanomaly
143, 130, 184

Deuteranomaly
150, 129, 173

Tritanomaly
174, 123, 150

Monochromacy



Original Color
177, 118, 175

Achromatopsia
142, 142, 142

Achromatomaly
155, 133, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 118, 175 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, 118, 175) looks like.

```
.text, #text, p{  
    color:rgb(177, 118, 175)  
}
```

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, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 118, 175) }
```

Border

The CSS property to change the border of an element to RYB 177, 118, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

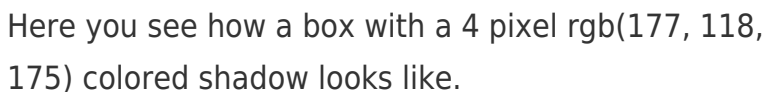
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 118, 175) }
```

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

```
.border{ border-color:rgb(177, 118, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 118, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 118, 175); box-shadow:4px 4px 4px 4px rgb(177, 118, 175) }
```

Background

The CSS property to change the background color of an element to RYB 177, 118, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 118, 175) }
```

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

```
.background{ background-color: rgb(177,  
118, 175) }
```

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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