

Converting Colors

`RYB(179, 174, 177)`

Have a look what the booklet for RYB(179, 174, 177) contains.

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Color

R_YB(179, 174, 177)

Conversions

Conversions Part 1

Format	Color
Hex	B3AEB1
RGB	179, 174, 177
RGB Percent	70%, 68%, 69%
CMY	0.2980, 0.3176, 0.3059
CMYK	0.00, 0.03, 0.01, 0.30
HSL	324°, 3%, 69%
HSV	324°, 3%, 70%
XYZ	41.6623, 43.0301, 47.7048
YIQ	175.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

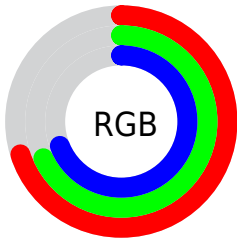
Format	Color
RYB	179, 174, 177
Decimal	11775665
CIELab	71.58, 2.33, -0.91
CIELCh	72, 2.505, 338.700
Yxy	43.0301, 0.3147, 0.3250
Android (android.graphics.Color)	4289965745 (0xFFB3AEB1)
YUV	175.8370, 0.5734, 2.7740
Hunter-Lab	65.5974, -1.4263, 2.8003

Details

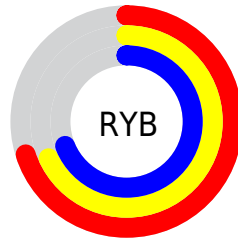
The RYB color **179, 174, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 178, 179**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **235, 229, 233**, and **126, 122, 124** is the 20% darker color. If you saturate the color by 10%, you get **179, 156, 170**, and if you desaturate by 10%, it is **179, 188, 192**.

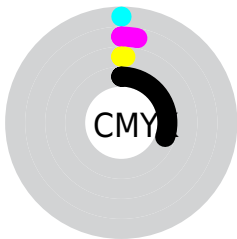
Distribution



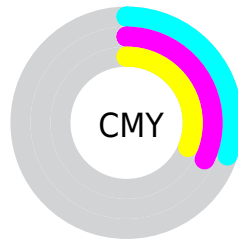
- Red (70%)
- Green (68%)
- Blue (69%)



- Red (70%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 174, 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 RYB color 179, 174, 177 by changing the saturation by 10% instead.

■ 179, 174, 177

255, 255, 255

■ 235, 229, 233

■ 179, 174, 177

■ 152, 147, 150

■ 126, 122, 124

■ 101, 97, 100

■ 77, 73, 76

■ 55, 51, 53

■ 33, 30, 32

■ 11, 4, 8

■ 0, 0, 0

■ 179, 174, 177

■ 179, 174, 177

 179, 156, 170

 179, 188, 192

 179, 138, 163

 179, 201, 210

 179, 120, 156

 179, 214, 228

 179, 102, 148

 179, 227, 246

 179, 85, 141


 179, 232, 255

 179, 67, 134

 179, 228, 255

 179, 49, 127

 179, 226, 255

 179, 31, 120

 179, 223, 255

 179, 13, 113

 179, 221, 255

Harmonies

Analogous

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



177, 175, 179



179, 174, 177



180, 174, 175

Triad

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



179, 174, 177



174, 177, 171



170, 174, 178

Complementary

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



179, 174, 177



174, 178, 179

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.



170, 174, 177



179, 174, 177



172, 176, 174

Square

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



179, 174, 177



179, 179, 171



172, 176, 177



171, 174, 179

Rectangle

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



179, 174, 177



180, 174, 173



172, 176, 177



170, 174, 177

Sweetspot

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



179, 174, 177



232, 230, 231



176, 174, 179



117, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



179, 174, 177



232, 225, 229



179, 174, 175



89, 86, 88



153, 0, 92



26, 0, 15

Inverse Universe

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



179, 174, 177



232, 225, 229



174, 177, 179



89, 86, 88



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RYB color 179, 174, 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 RYB color 179, 174, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

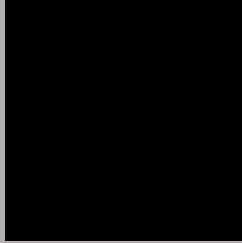
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

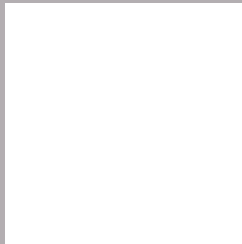
Any Text WCAG AAA ✓ Pass

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

RYB 179, 174, 177 Background



This preview shows how black text looks on a background with the RYB color 179, 174, 177.

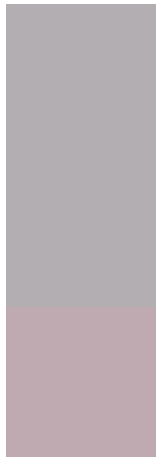


This preview shows how white text looks on a background with the RYB color 179, 174, 177.

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



Original Color
179, 174, 177

Protanopia
178, 174, 177

Deuteranopia
191, 170, 178



Tritanopia
180, 173, 186

Trichromacy



Original Color

179, 174, 177

Protanomaly

178, 174, 177

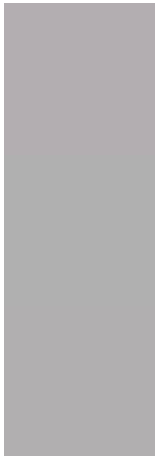
Deuteranomaly

187, 171, 178

Tritanomaly

180, 173, 183

Monochromacy



Original Color

179, 174, 177

Achromatopsia

176, 176, 176

Achromatomaly

177, 175, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 174, 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(179, 174, 177) looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 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(179, 174, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 177) }
```

Border

The CSS property to change the border of an element to RYB 179, 174, 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(179, 174, 177) }
```

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

```
.border{ border-color:rgb(179, 174, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 179, 174, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 177) }
```

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

```
.background{ background-color: rgb(179,  
174, 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](#).

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