

Converting Colors

`RYB(177, 175, 181)`

Have a look what the booklet for
RYB(177, 175, 181) contains.

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Color

R_YB(177, 175, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B1AFB5
RGB	177, 175, 181
RGB Percent	69%, 69%, 71%
CMY	0.3059, 0.3137, 0.2902
CMYK	0.02, 0.03, 0.00, 0.29
HSL	260°, 4%, 70%
HSV	260°, 3%, 71%
XYZ	41.8019, 43.3433, 49.8789
YIQ	176.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

Format	Color
RYB	177, 175, 181
Decimal	11644853
CIELab	71.79, 1.84, -2.82
CIELCh	72, 3.368, 303.208
Yxy	43.3433, 0.3096, 0.3210
Android (android.graphics.Color)	4289834933 (0xFFB1AFB5)
YUV	176.2820, 2.3260, 0.6297
Hunter-Lab	65.8356, -1.8748, 1.1651

Details

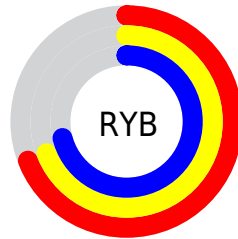
The RYB color **177, 175, 181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 181, 177**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **233, 230, 237**, and **124, 123, 128** is the 20% darker color. If you saturate the color by 10%, you get **165, 157, 181**, and if you desaturate by 10%, it is **181, 193, 185**.

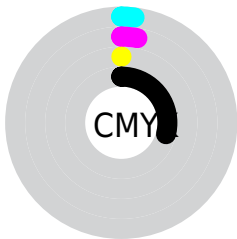
Distribution



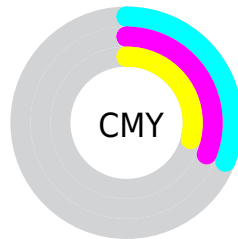
- Red (69%)
- Green (69%)
- Blue (71%)



- Red (69%)
- Yellow (69%)
- Blue (71%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 175, 181 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, 175, 181 by changing the saturation by 10% instead.

■ 177, 175, 181

255, 255, 255

■ 233, 230, 237

■ 177, 175, 181

■ 150, 148, 154

■ 124, 123, 128

■ 100, 98, 103

■ 76, 74, 79

■ 53, 51, 56

■ 32, 30, 35

■ 8, 5, 13

■ 0, 0, 0

■ 177, 175, 181

■ 177, 175, 181

■ 165, 157, 181

■ 181, 193, 185

■ 153, 139, 181

■ 181, 211, 191

■ 141, 121, 181

■ 181, 229, 197

■ 129, 103, 181

■ 181, 247, 203

■ 117, 85, 181

■ 181, 255, 199

■ 105, 66, 181

■ 181, 255, 187

■ 93, 48, 181

■ 181, 255, 181

■ 80, 30, 181

■ 68, 12, 181

Harmonies

Analogous

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



173, 175, 182



177, 175, 181



180, 174, 179

Triad

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



177, 175, 181



181, 179, 170



169, 174, 178

Complementary

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



177, 175, 181



175, 181, 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.



171, 176, 177



177, 175, 181



173, 178, 170

Square

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



177, 175, 181



183, 174, 173



171, 177, 173



169, 174, 179

Rectangle

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



177, 175, 181



182, 174, 177



171, 177, 173



170, 175, 178

Sweetspot

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



177, 175, 181



233, 232, 235



175, 177, 181



117, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



177, 175, 181



228, 225, 235



180, 175, 181



86, 85, 89



51, 0, 153



8, 0, 26

Inverse Universe

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



181, 175, 179



235, 225, 231



175, 181, 180



89, 85, 88



153, 0, 102



26, 0, 17

Previews

White Background



This preview shows how the RYB color 177, 175, 181 looks on a white background.

Color Contrast Check

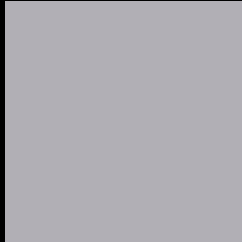
Large Text (above 18pt) WCAG AA × Fail

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, 175, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

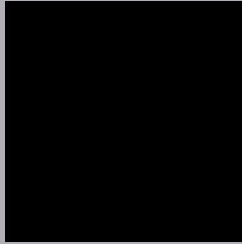
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

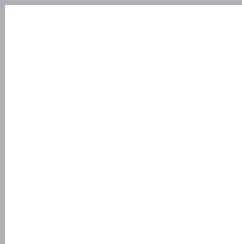
Any Text WCAG AAA ✓ Pass

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

RYB 177, 175, 181 Background



This preview shows how black text looks on a background with the RYB color 177, 175, 181.

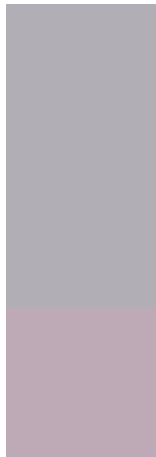


This preview shows how white text looks on a background with the RYB color 177, 175, 181.

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, 175, 181

Protanopia
177, 175, 181

Deuteranopia
190, 170, 182



Tritanopia
178, 174, 188

Trichromacy



Original Color

177, 175, 181

Protanomaly

177, 175, 181

Deuteranomaly

185, 172, 182

Tritanomaly

178, 174, 185

Monochromacy



Original Color

177, 175, 181

Achromatopsia

176, 176, 176

Achromatomaly

176, 176, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 175, 181 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, 175, 181) looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 181)  
}
```

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, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 181) }
```

Border

The CSS property to change the border of an element to RYB 177, 175, 181 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, 175, 181) }
```

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

```
.border{ border-color:rgb(177, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 177, 175, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 181) }
```

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

```
.background{ background-color: rgb(177,  
175, 181) }
```

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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