

Converting Colors

`RYB(181, 177, 177)`

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

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Color

R_YB(181, 177, 177)

Conversions

Conversions Part 1

Format	Color
Hex	B5B1B1
RGB	181, 177, 177
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3059, 0.3059
CMYK	0.00, 0.02, 0.02, 0.29
HSL	0°, 3%, 70%
HSV	0°, 2%, 71%
XYZ	42.7140, 44.4424, 47.9219
YIQ	178.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

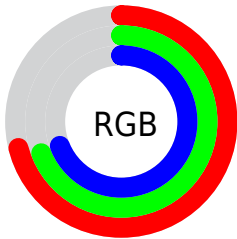
Format	Color
RYB	181, 177, 177
Decimal	11907505
CIELab	72.52, 1.42, 0.49
CIElCh	73, 1.502, 19.196
Yxy	44.4424, 0.3162, 0.3290
Android (android.graphics.Color)	4290097585 (0xFFB5B1B1)
YUV	178.1960, -0.5896, 2.4591
Hunter-Lab	66.6651, -2.2945, 4.0452

Details

The RYB color **181, 177, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **177, 179, 181**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **237, 233, 233**, and **128, 124, 124** is the 20% darker color. If you saturate the color by 10%, you get **181, 159, 159**, and if you desaturate by 10%, it is **181, 188, 195**.

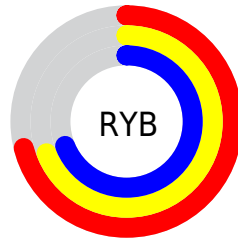
Distribution



Red (71%)

Green (69%)

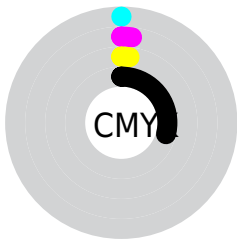
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

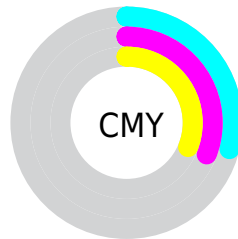


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

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

■ 181, 177, 177

255, 255, 255

■ 237, 233, 233

■ 181, 177, 177

■ 154, 150, 150

■ 128, 124, 124

■ 103, 100, 100

■ 79, 76, 76

■ 56, 53, 53


■ 35, 32, 32


■ 13, 8, 8


■ 0, 0, 0


■ 181, 177, 177


■ 181, 177, 177

 181, 159, 159


 181, 188, 195

 181, 141, 141


 181, 197, 213


 181, 123, 123

 181, 206, 231


 181, 105, 105


 181, 215, 249

 181, 86, 86

 181, 218, 255

 181, 68, 68

 181, 50, 50

 181, 32, 32

 181, 14, 14

Harmonies

Analogous

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



180, 177, 178



181, 177, 177



181, 177, 176

Triad

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



181, 177, 177



176, 178, 178



176, 177, 181

Complementary

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



181, 177, 177



177, 179, 181

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.



175, 177, 180



181, 177, 177



175, 178, 179

Square

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



181, 177, 177



175, 178, 175



175, 177, 179



178, 178, 180

Rectangle

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



181, 177, 177



180, 178, 175



175, 177, 179



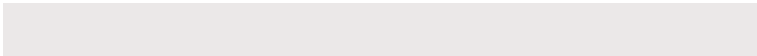
176, 177, 180

Sweetspot

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



181, 177, 177



235, 232, 232



181, 177, 181



117, 116, 116



245, 245, 245



117, 117, 117

Same Dimension

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



181, 177, 177



235, 228, 228



181, 181, 177



89, 86, 86



153, 0, 0



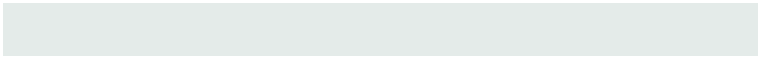
26, 0, 0

Inverse Universe

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



177, 179, 181



228, 232, 235



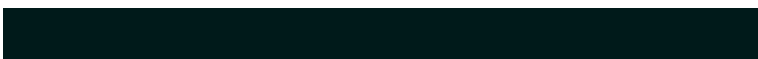
177, 178, 181



86, 88, 89



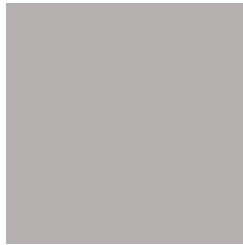
0, 77, 153



0, 13, 26

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

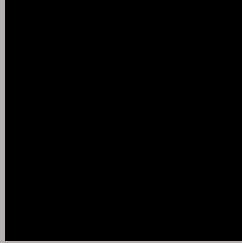
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

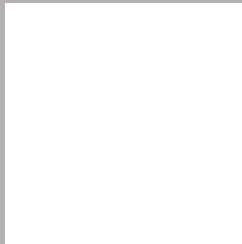
Any Text WCAG AAA ✓ Pass

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

R Y B 181, 177, 177 Background



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

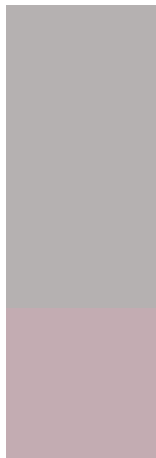


This preview shows how white text looks on a background with the RYB color 181, 177, 177.

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
181, 177, 177

Protanopia
181, 177, 177

Deuteranopia
195, 172, 178



Tritanopia
183, 175, 189

Trichromacy



Original Color

181, 177, 177

Protanomaly

181, 177, 177

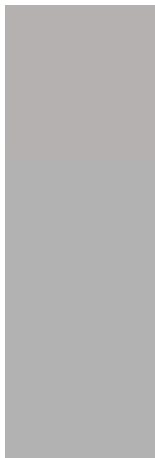
Deuteranomaly

190, 174, 178

Tritanomaly

182, 176, 185

Monochromacy



Original Color

181, 177, 177

Achromatopsia

178, 178, 178

Achromatomaly

179, 178, 178

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(181, 177, 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(181, 177, 177) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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