

Converting Colors

`RYB(176, 181, 184)`

Have a look what the booklet for
RYB(176, 181, 184) contains.

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Color

R_YB(176, 181, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B0B8B5
RGB	176, 184, 181
RGB Percent	69%, 72%, 71%
CMY	0.3098, 0.2784, 0.2910
CMYK	0.04, 0.00, 0.02, 0.28
HSL	156°, 5%, 71%
HSV	156°, 4%, 72%
XYZ	43.3650, 46.8391, 50.3638
YIQ	181.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

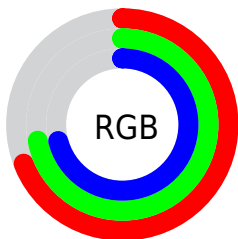
Format	Color
RYB	176, 181, 184
Decimal	11581621
CIELab	74.09, -3.39, 0.65
CIELCh	74, 3.447, 169.158
Yxy	46.8391, 0.3085, 0.3332
Android (android.graphics.Color)	4289771701 (0xFFB0B8B5)
YUV	181.2660, -0.1311, -4.6183
Hunter-Lab	68.4391, -6.6657, 4.2763

Details

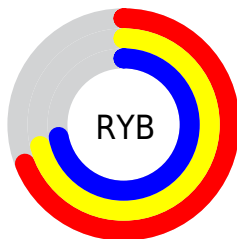
The RYB color **176, 181, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 176, 179**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **232, 237, 240**, and **124, 128, 131** is the 20% darker color. If you saturate the color by 10%, you get **158, 174, 184**, and if you desaturate by 10%, it is **194, 184, 188**.

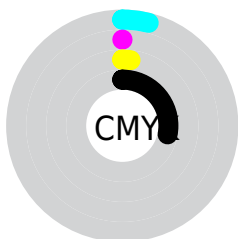
Distribution



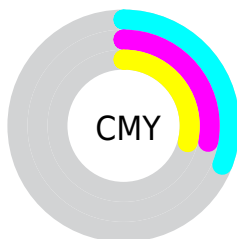
- Red (69%)
- Green (72%)
- Blue (71%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 181, 184 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 176, 181, 184 by changing the saturation by 10% instead.

■ 176, 181, 184

255, 255, 255

■ 232, 237, 240

■ 176, 181, 184

■ 149, 154, 157

■ 124, 128, 131

■ 99, 103, 106

■ 75, 79, 82

■ 52, 56, 59

■ 31, 35, 37

■ 7, 12, 16


■ 0, 0, 0


■ 176, 181, 184


■ 176, 181, 184


 158, 174, 184


 194, 184, 188


 139, 167, 184


 213, 184, 196

 121, 160, 184

 231, 184, 203

 102, 153, 184


 250, 184, 210

 84, 147, 184


 255, 184, 218

 66, 140, 184


 255, 184, 225

 47, 133, 184

 255, 184, 232

 29, 126, 184

 255, 184, 240

 10, 119, 184

 255, 184, 247

Harmonies

Analogous

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



178, 183, 182



176, 181, 184



175, 180, 184

Triad

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



176, 181, 184



181, 182, 188



189, 183, 177

Complementary

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



176, 181, 184



184, 176, 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.



189, 180, 180



176, 181, 184



185, 181, 186

Square

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



176, 181, 184



178, 181, 188



188, 180, 183



186, 186, 176

Rectangle

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



176, 181, 184



175, 180, 186



188, 180, 183



189, 180, 178

Sweetspot

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



176, 181, 184



237, 239, 240



176, 184, 181



119, 120, 120



247, 247, 247



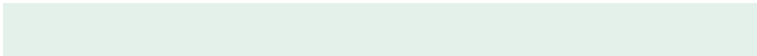
120, 120, 120

Same Dimension

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



176, 181, 184



228, 236, 240



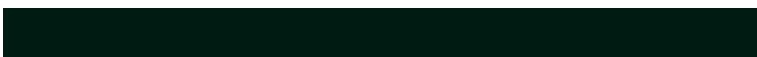
176, 180, 184



86, 90, 92



0, 98, 156



0, 17, 28

Inverse Universe

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



184, 176, 179



240, 228, 233



184, 177, 176



92, 86, 88



156, 0, 62



28, 0, 11

Previews

White Background



This preview shows how the RYB color 176, 181, 184 looks on a white background.

Color Contrast Check

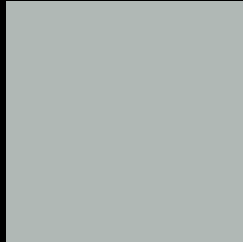
Large Text (above 18pt) WCAG AA × Fail

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 176, 181, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

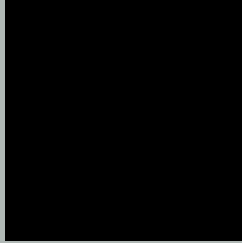
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

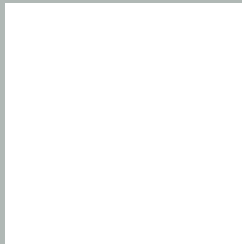
Any Text WCAG AAA ✓ Pass

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

RYB 176, 181, 184 Background



This preview shows how black text looks on a background with the RYB color 176, 181, 184.



This preview shows how white text looks on a background with the RYB color 176, 181, 184.

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](#).

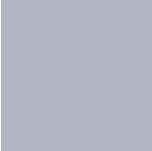
Dichromacy



Original Color
176, 181, 184

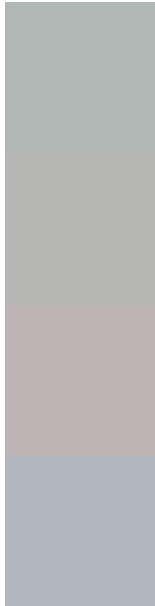
Protanopia
186, 182, 179

Deuteranopia
199, 176, 182



Tritanopia
178, 181, 196

Trichromacy



Original Color

176, 181, 184

Protanomaly

180, 182, 180

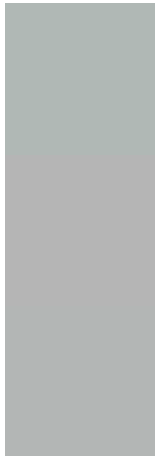
Deuteranomaly

191, 179, 182

Tritanomaly

177, 181, 190

Monochromacy



Original Color

176, 181, 184

Achromatopsia

181, 181, 181

Achromatomaly

179, 181, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 181, 184 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(176, 184, 181) looks like.

```
.text, #text, p{  
    color:rgb(176, 184, 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(176, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 184, 181) }
```

Border

The CSS property to change the border of an element to RYB 176, 181, 184 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(176, 184, 181) }
```

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

```
.border{ border-color:rgb(176, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 184,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 176, 181, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 184, 181) }
```

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

```
.background{ background-color: rgb(176,  
184, 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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