

# Converting Colors

`RYB(184, 176, 186)`

Have a look what the booklet for RYB(184, 176, 186) contains.

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# Color

**R<sub>Y</sub>B(184, 176, 186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B0BA
RGB	184, 176, 186
RGB Percent	72%, 69%, 73%
CMY	0.2784, 0.3098, 0.2706
CMYK	0.01, 0.05, 0.00, 0.27
HSL	288°, 7%, 71%
HSV	288°, 5%, 73%
XYZ	44.1554, 44.7862, 52.7717
YIQ	179.5320, 1.5580, 4.8060

# Conversions

## Conversions Part 2

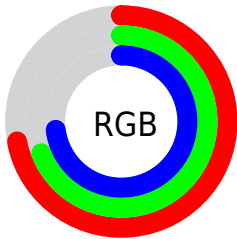
Format	Color
<a href="#">RYB</a>	<a href="#">184, 176, 186</a>
Decimal	<a href="#">12103866</a>
CIELab	<a href="#">72.75, 4.70, -4.08</a>
CIELCh	<a href="#">73, 6.223, 319.014</a>
Yxy	<a href="#">44.7862, 0.3116, 0.3160</a>
Android (android.graphics.Color)	<a href="#">4290293946</a> ( <a href="#">0xFFB8B0BA</a> )
YUV	<a href="#">179.5320, 3.1887, 3.9184</a>
Hunter-Lab	<a href="#">66.9225, 0.6599, 0.0926</a>

# Details

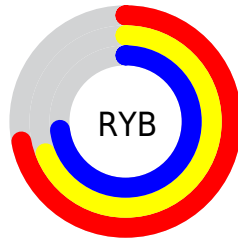
The RYB color **184, 176, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 186, 184**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **240, 232, 242**, and **131, 124, 133** is the 20% darker color. If you saturate the color by 10%, you get **180, 157, 186**, and if you desaturate by 10%, it is **186, 195, 193**.

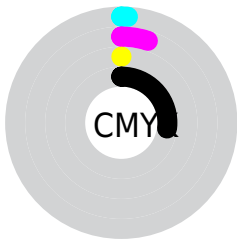
# Distribution



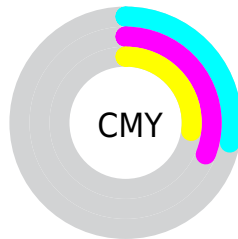
- Red (72%)
- Green (69%)
- Blue (73%)



- Red (72%)
- Yellow (69%)
- Blue (73%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 184, 176, 186 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 184, 176, 186 by changing the saturation by 10% instead.



■ 184, 176, 186

255, 255, 255

■ 240, 232, 242

■ 184, 176, 186

■ 157, 149, 159

■ 131, 124, 133

■ 106, 99, 108

■ 82, 75, 83

■ 59, 52, 60

■ 37, 31, 39

■ 16, 7, 18


■ 0, 0, 0

■ 184, 176, 186

■ 184, 176, 186

 180, 157, 186

 186, 195, 193

 177, 139, 186


 186, 213, 208

 173, 120, 186

 186, 232, 223

 169, 102, 186


 186, 250, 237

 165, 83, 186


 186, 255, 238

 162, 64, 186

 186, 255, 235

 158, 46, 186

 186, 255, 231

 154, 27, 186

 186, 255, 227

 151, 9, 186

 186, 255, 224

# Harmonies

## Analogous

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



177, 178, 189



184, 176, 186



189, 175, 181

# Triad

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



184, 176, 186



184, 186, 167



165, 174, 182

# Complementary

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



184, 176, 186



176, 186, 184

# 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.



167, 176, 182



184, 176, 186



168, 179, 168

# Square

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



184, 176, 186



190, 179, 170



171, 181, 179



166, 175, 187

# Rectangle

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



184, 176, 186



191, 175, 177



171, 181, 179



165, 174, 182

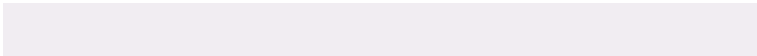


# Sweetspot

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



184, 176, 186



241, 237, 242



176, 178, 186



122, 120, 122



250, 250, 250



122, 122, 122



# Same Dimension

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



184, 176, 186



239, 228, 242



186, 176, 183



91, 85, 92



124, 0, 156



22, 0, 28



# Inverse Universe

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



186, 176, 178



242, 228, 231



176, 184, 186



92, 85, 87



156, 0, 31

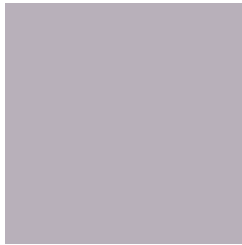


28, 0, 6



# Previews

## White Background



This preview shows how the RYB color 184, 176, 186 looks on a white background.

## Color Contrast Check

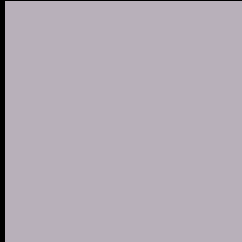
Large Text (above 18pt) WCAG AA × Fail

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 184, 176, 186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

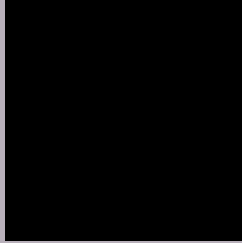
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 184, 176, 186 Background



This preview shows how black text looks on a background with the RYB color 184, 176, 186.



This preview shows how white text looks on a background with the RYB color 184, 176, 186.

# 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**  
184, 176, 186

**Protanopia**  
179, 177, 187

**Deuteranopia**  
192, 173, 187



**Tritanopia**  
185, 175, 189

# Trichromacy



## Original Color

184, 176, 186

## Protanomaly

181, 177, 187

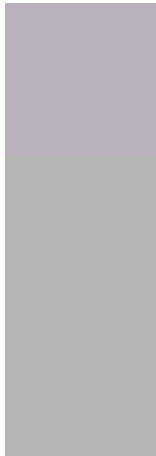
## Deuteranomaly

189, 174, 187

## Tritanomaly

185, 175, 188

# Monochromacy



## Original Color

184, 176, 186

## Achromatopsia

180, 180, 180

## Achromatomaly

181, 179, 182

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 184, 176, 186 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(184, 176, 186) looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 186)  
}
```

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(184, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 186) }
```

## Border

The CSS property to change the border of an element to RYB 184, 176, 186 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(184, 176, 186) }
```

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

```
.border{ border-color:rgb(184, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
186) }
```

# Background

The CSS property to change the background color of an element to RYB 184, 176, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 186) }
```

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

```
.background{ background-color: rgb(184,  
176, 186) }
```

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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