

Converting Colors

`RYB(185, 176, 193)`

Have a look what the booklet for
RYB(185, 176, 193) contains.

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Color

R_YB(185, 176, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B9B0C1
RGB	185, 176, 193
RGB Percent	73%, 69%, 76%
CMY	0.2745, 0.3098, 0.2431
CMYK	0.04, 0.09, 0.00, 0.24
HSL	272°, 12%, 72%
HSV	272°, 9%, 76%
XYZ	45.1586, 45.2152, 56.7994
YIQ	180.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

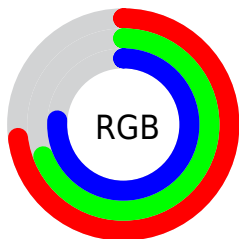
Format	Color
R _Y B	185, 176, 193
Decimal	12169409
CIE Lab	73.03, 6.39, -7.49
CIE LCh	73, 9.849, 310.457
Yxy	45.2152, 0.3068, 0.3072
Android (android.graphics.Color)	4290359489 (0xFFB9B0C1)
YUV	180.6290, 6.0989, 3.8334
Hunter-Lab	67.2423, 2.2031, -3.0125

Details

The RYB color **185, 176, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 193, 185**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **241, 232, 249**, and **132, 124, 140** is the 20% darker color. If you saturate the color by 10%, you get **176, 157, 193**, and if you desaturate by 10%, it is **193, 195, 194**.

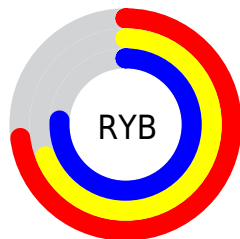
Distribution



Red (73%)

Green (69%)

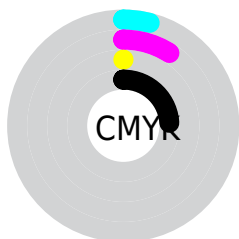
Blue (76%)



Red (73%)

Yellow (69%)

Blue (76%)

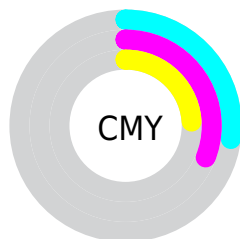


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 176, 193 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 185, 176, 193 by changing the saturation by 10% instead.

■ 185, 176, 193

255, 255, 255

■ 241, 232, 249

■ 185, 176, 193

■ 158, 149, 166

■ 132, 124, 140

■ 107, 99, 114

■ 82, 75, 90

■ 59, 52, 66

■ 38, 31, 44

■ 17, 7, 24

■ 0, 0, 0

■ 185, 176, 193

■ 185, 176, 193

176, 157, 193

193, 195, 194

167, 137, 193

193, 215, 205

158, 118, 193

193, 234, 215

149, 99, 193

193, 253, 225

140, 80, 193

193, 255, 218

131, 60, 193

193, 255, 209

121, 41, 193

193, 255, 199

112, 22, 193

193, 255, 193

103, 2, 193

Harmonies

Analogous

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



174, 178, 197



185, 176, 193



194, 174, 186

Triad

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



185, 176, 193



193, 189, 163



158, 172, 185

Complementary

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



185, 176, 193



176, 193, 185

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.



164, 178, 184



185, 176, 193



166, 183, 162

Square

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



185, 176, 193



198, 176, 168



165, 182, 174



158, 173, 191

Rectangle

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



185, 176, 193



198, 173, 179



165, 182, 174



159, 174, 185

Sweetspot

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



185, 176, 193



246, 242, 250



176, 181, 193



123, 120, 125



252, 252, 252



125, 125, 125

Same Dimension

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



185, 176, 193



237, 222, 250



193, 176, 193



92, 87, 97



85, 0, 161



18, 0, 33

Inverse Universe

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



193, 176, 184



250, 222, 235



176, 193, 193



97, 87, 92



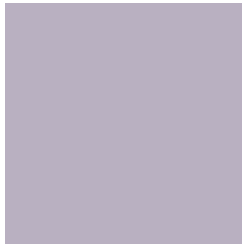
161, 0, 76



33, 0, 16

Previews

White Background



This preview shows how the RYB color 185, 176, 193 looks on a white background.

Color Contrast Check

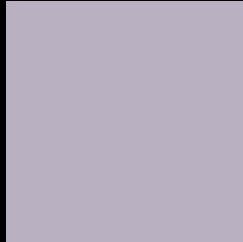
Large Text (above 18pt) WCAG AA × Fail

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 185, 176, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

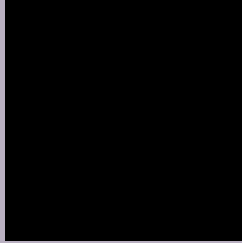
Any Text WCAG AA ✓ Pass

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 185, 176, 193 Background



This preview shows how black text looks on a background with the RYB color 185, 176, 193.



This preview shows how white text looks on a background with the RYB color 185, 176, 193.

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
185, 176, 193

Protanopia
178, 178, 194

Deuteranopia
190, 174, 193



Tritanopia
185, 176, 190

Trichromacy



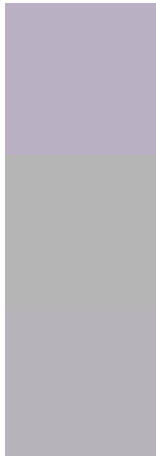
Original Color
185, 176, 193

Protanomaly
181, 177, 194

Deuteranomaly
188, 175, 193

Tritanomaly
185, 176, 191

Monochromacy



Original Color
185, 176, 193

Achromatopsia
181, 181, 181

Achromatomaly
182, 179, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 176, 193 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(185, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 176, 193)  
}
```

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(185, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 176, 193) }
```

Border

The CSS property to change the border of an element to RYB 185, 176, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

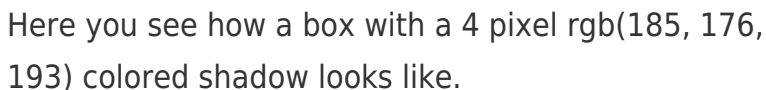
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 176, 193) }
```

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

```
.border{ border-color:rgb(185, 176, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 176, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 176, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 176, 193); box-shadow:4px 4px 4px 4px rgb(185, 176, 193) }
```

Background

The CSS property to change the background color of an element to RYB 185, 176, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 176, 193) }
```

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

```
.background{ background-color: rgb(185,  
176, 193) }
```

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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