

Converting Colors

`RYB(176, 188, 184)`

Have a look what the booklet for RYB(176, 188, 184) contains.

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Color

R_YB(176, 188, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B4BCB0
RGB	180, 188, 176
RGB Percent	71%, 74%, 69%
CMY	0.2941, 0.2627, 0.3098
CMYK	0.04, 0.00, 0.06, 0.26
HSL	100°, 8%, 71%
HSV	100°, 6%, 74%
XYZ	44.6421, 48.8043, 48.1416
YIQ	184.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

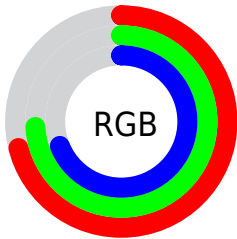
Format	Color
RYB	176, 188, 184
Decimal	11844784
CIELab	75.33, -5.00, 5.10
CIELCh	75, 7.142, 134.428
Yxy	48.8043, 0.3153, 0.3447
Android (android.graphics.Color)	4290034864 (0xFFB4BCB0)
YUV	184.2400, -4.0623, -3.7185
Hunter-Lab	69.8601, -8.1899, 8.0445

Details

The RYB color **176, 188, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 176, 188**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **232, 244, 240**, and **124, 135, 132** is the 20% darker color. If you saturate the color by 10%, you get **157, 188, 178**, and if you desaturate by 10%, it is **193, 188, 195**.

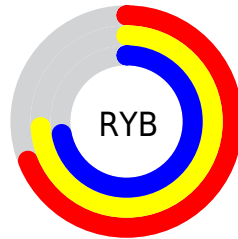
Distribution



Red (71%)

Green (74%)

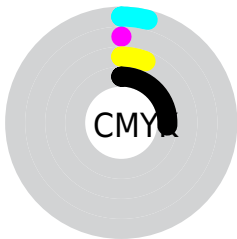
Blue (69%)



Red (69%)

Yellow (74%)

Blue (72%)

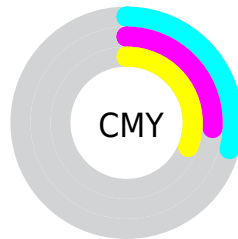


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 176, 188, 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, 188, 184 by changing the saturation by 10% instead.


 176, 188, 184


255, 255, 255

 232, 244, 240

 176, 188, 184


 149, 161, 157

 124, 135, 132

 99, 110, 107

 75, 85, 82


 52, 62, 59


 31, 40, 37

 7, 20, 15


 0, 0, 0

 176, 188, 184


 176, 188, 184

 157, 188, 178


 193, 188, 195


 138, 188, 171


 205, 188, 214


 120, 188, 166


 218, 188, 232

 101, 188, 159


 230, 188, 251


 82, 188, 153


 243, 188, 255

 63, 188, 146

 255, 188, 255

 44, 188, 140

 26, 188, 134

 7, 188, 128

Harmonies

Analogous

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



175, 188, 173



176, 188, 184



173, 183, 189

Triad

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



176, 188, 184



175, 183, 198



200, 181, 182

Complementary

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



176, 188, 184



184, 176, 188

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.



197, 181, 189



176, 188, 184



183, 185, 198

Square

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



176, 188, 184



170, 181, 194



191, 183, 195



199, 183, 177

Rectangle

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



176, 188, 184



171, 182, 190



191, 183, 195



199, 181, 185

Sweetspot

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



176, 188, 184



240, 245, 243



182, 188, 176



120, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



176, 188, 184



225, 245, 238



176, 186, 188



85, 94, 91



0, 158, 105



0, 31, 21

Inverse Universe

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



184, 176, 188



238, 225, 245



188, 176, 186



91, 85, 94



105, 0, 158



20, 0, 31

Previews

White Background



This preview shows how the RYB color 176, 188, 184 looks on a white background.

Color Contrast Check

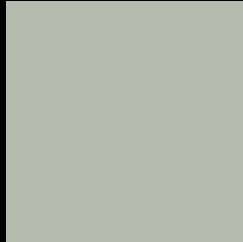
Large Text (above 18pt) WCAG AA × Fail

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, 188, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

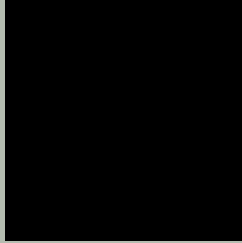
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

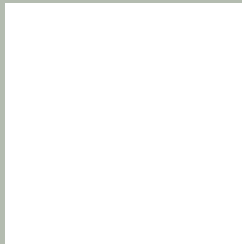
Any Text WCAG AAA ✓ Pass

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

RYB 176, 188, 184 Background



This preview shows how black text looks on a background with the RYB color 176, 188, 184.




This preview shows how white text looks on a background with the RYB color 176, 188, 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

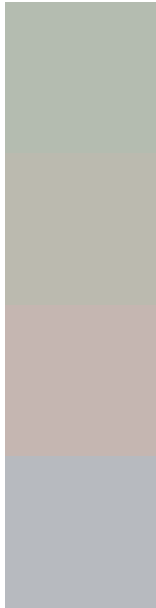




Tritanopia

184, 185, 199

Trichromacy



Original Color

176, 188, 184

Protanomaly

176, 187, 175

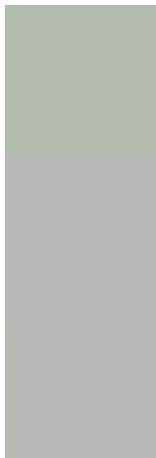
Deuteranomaly

197, 184, 177

Tritanomaly

183, 185, 191

Monochromacy



Original Color

176, 188, 184

Achromatopsia

184, 184, 184

Achromatomaly

181, 185, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 188, 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(180, 188, 176) looks like.

```
.text, #text, p{  
    color:rgb(180, 188, 176)  
}
```

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(180, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 188, 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(180, 188, 176) }
```

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

```
.border{ border-color:rgb(180, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 188, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 188, 176); box-shadow:4px 4px 4px 4px rgb(180, 188, 176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 188, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 176) }
```

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

```
.background{ background-color: rgb(180,  
188, 176) }
```

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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