

Converting Colors

`RYB(184, 180, 181)`

Have a look what the booklet for
RYB(184, 180, 181) contains.

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Color

R_YB(184, 180, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B8B4B5
RGB	184, 180, 181
RGB Percent	72%, 71%, 71%
CMY	0.2784, 0.2941, 0.2902
CMYK	0.00, 0.02, 0.02, 0.28
HSL	345°, 3%, 71%
HSV	345°, 2%, 72%
XYZ	44.4289, 46.1691, 50.2859
YIQ	181.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

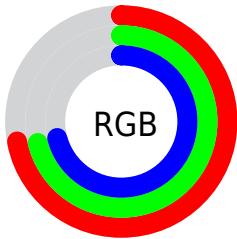
Format	Color
RYB	184, 180, 181
Decimal	12104885
CIELab	73.66, 1.60, -0.02
CIElCh	74, 1.598, 359.424
Yxy	46.1691, 0.3154, 0.3277
Android (android.graphics.Color)	4290294965 (0xFFB8B4B5)
YUV	181.3100, -0.1528, 2.3591
Hunter-Lab	67.9478, -2.1932, 3.6849

Details

The RYB color **184, 180, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 182, 184**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **240, 236, 237**, and **131, 127, 128** is the 20% darker color. If you saturate the color by 10%, you get **184, 162, 167**, and if you desaturate by 10%, it is **184, 192, 198**.

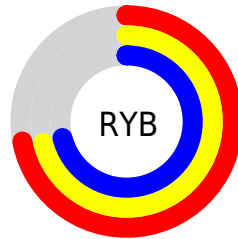
Distribution



Red (72%)

Green (71%)

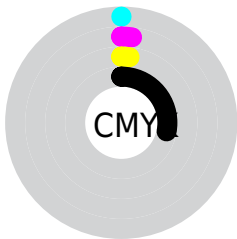
Blue (71%)



Red (72%)

Yellow (71%)

Blue (71%)

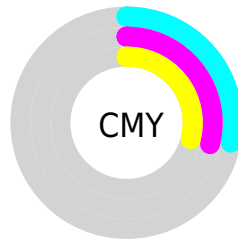


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 180, 181 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, 180, 181 by changing the saturation by 10% instead.

■ 184, 180, 181

255, 255, 255

■ 240, 236, 237

■ 184, 180, 181

■ 157, 153, 154

■ 131, 127, 128

■ 106, 102, 103

■ 82, 78, 79

■ 59, 56, 56

■ 37, 34, 35

■ 16, 12, 13

■ 0, 0, 0

■ 184, 180, 181

■ 184, 180, 181

■ 184, 162, 167

■ 184, 192, 198

■ 184, 143, 153

■ 184, 203, 217

■ 184, 125, 140

■ 184, 213, 235

■ 184, 106, 126

■ 184, 224, 254

■ 184, 88, 112

■ 184, 221, 255

■ 184, 70, 98

■ 184, 220, 255

■ 184, 51, 84

■ 184, 33, 71

■ 184, 14, 57

Harmonies

Analogous

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



183, 180, 182



184, 180, 181



184, 180, 180

Triad

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



184, 180, 181



178, 181, 178



178, 180, 183

Complementary

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



184, 180, 181



180, 182, 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.



178, 180, 182



184, 180, 181



179, 182, 182

Square

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



184, 180, 181



179, 182, 178



178, 180, 182



180, 181, 184

Rectangle

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



184, 180, 181



184, 180, 179



178, 180, 182



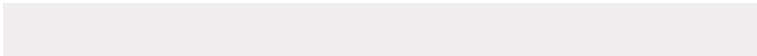
178, 180, 183

Sweetspot

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



184, 180, 181



240, 237, 238



183, 180, 184



120, 119, 119



247, 247, 247



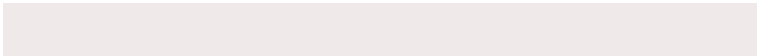
120, 120, 120

Same Dimension

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



184, 180, 181



240, 233, 234



184, 181, 180



92, 88, 89



156, 0, 39



28, 0, 7

Inverse Universe

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



184, 180, 181



240, 233, 234



180, 182, 184



92, 88, 89



156, 0, 39



28, 0, 7

Previews

White Background



This preview shows how the RYB color 184, 180, 181 looks on a white background.

Color Contrast Check

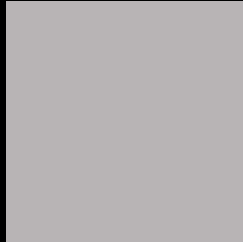
Large Text (above 18pt) WCAG AA × Fail

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, 180, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

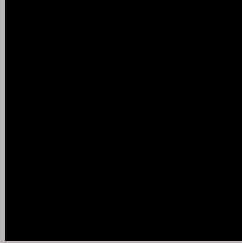
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

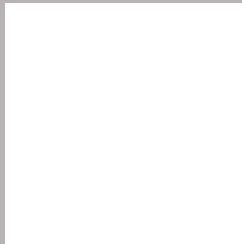
Any Text WCAG AAA ✓ Pass

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

R/Y/B 184, 180, 181 Background



This preview shows how black text looks on a background with the R/Y/B color 184, 180, 181.

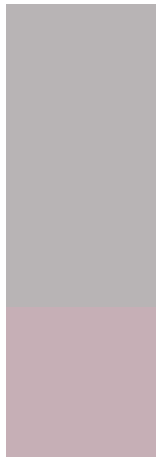


This preview shows how white text looks on a background with the R/Y/B color 184, 180, 181.

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, 180, 181

Protanopia
184, 180, 181

Deuteranopia
198, 175, 182



Tritanopia
186, 178, 192

Trichromacy



Original Color

184, 180, 181

Protanomaly

184, 180, 181

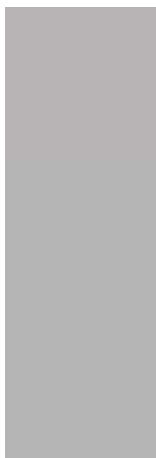
Deuteranomaly

193, 177, 182

Tritanomaly

185, 179, 188

Monochromacy



Original Color

184, 180, 181

Achromatopsia

181, 181, 181

Achromatomaly

182, 181, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 180, 181 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, 180, 181) looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 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(184, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 181) }
```

Border

The CSS property to change the border of an element to RYB 184, 180, 181 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, 180, 181) }
```

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

```
.border{ border-color:rgb(184, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 184, 180, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 181) }
```

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

```
.background{ background-color: rgb(184,  
180, 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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