

Converting Colors

`RYB(181, 184, 180)`

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

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Color

R_YB(181, 184, 180)

Conversions

Conversions Part 1

Format	Color
Hex	B8B7B4
RGB	184, 183, 180
RGB Percent	72%, 72%, 71%
CMY	0.2784, 0.2816, 0.2941
CMYK	0.00, 0.00, 0.02, 0.28
HSL	48°, 3%, 71%
HSV	48°, 2%, 72%
XYZ	44.9802, 47.4352, 49.9652
YIQ	182.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

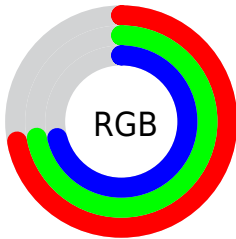
Format	Color
RYB	181, 184, 180
Decimal	12105652
CIELab	74.47, -0.30, 1.71
CIELCh	74, 1.740, 100.078
Yxy	47.4352, 0.3159, 0.3332
Android (android.graphics.Color)	4290295732 (0xFFB8B7B4)
YUV	182.9570, -1.4578, 0.9147
Hunter-Lab	68.8732, -3.9522, 5.1983

Details

The RYB color **181, 184, 180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 181, 184**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **237, 240, 236**, and **128, 131, 127** is the 20% darker color. If you saturate the color by 10%, you get **167, 184, 162**, and if you desaturate by 10%, it is **184, 186, 198**.

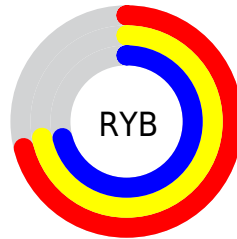
Distribution



Red (72%)

Green (72%)

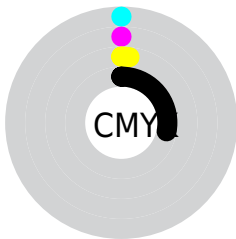
Blue (71%)



Red (71%)

Yellow (72%)

Blue (71%)

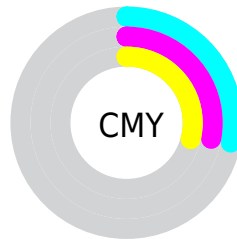


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

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

■ 181, 184, 180

255, 255, 255

■ 237, 240, 236

■ 181, 184, 180

■ 154, 157, 153

■ 128, 131, 127

■ 103, 106, 102

■ 79, 82, 78

■ 58, 59, 56

■ 34, 37, 34

■ 13, 16, 12

■ 0, 0, 0

■ 181, 184, 180

■ 181, 184, 180

■ 167, 184, 162

■ 184, 186, 198

■ 153, 184, 143

■ 184, 190, 217

■ 140, 184, 125

■ 184, 192, 235

■ 126, 184, 106

■ 184, 196, 254

■ 112, 184, 88

■ 184, 198, 255

■ 99, 184, 70

■ 184, 200, 255

■ 85, 184, 51

■ 184, 202, 255

■ 70, 184, 33

■ 184, 205, 255

■ 57, 184, 14

■ 184, 206, 255

Harmonies

Analogous

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



186, 186, 180



181, 184, 180



181, 184, 183

Triad

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



181, 184, 180



180, 182, 185



186, 182, 184

Complementary

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



181, 184, 180



180, 181, 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.



184, 183, 186



181, 184, 180



181, 183, 186

Square

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



181, 184, 180



180, 182, 184



182, 183, 186



187, 182, 183

Rectangle

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



181, 184, 180



181, 184, 184



182, 183, 186



185, 182, 185

Sweetspot

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



181, 184, 180



239, 240, 237



184, 180, 181



119, 120, 119



247, 247, 247



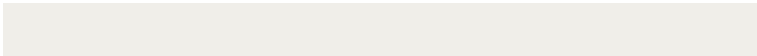
120, 120, 120

Same Dimension

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



181, 184, 180



236, 240, 233



180, 184, 181



89, 92, 88



40, 156, 0



8, 28, 0

Inverse Universe

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



180, 181, 184



233, 234, 240



181, 180, 184



88, 89, 92



0, 26, 156



0, 5, 28

Previews

White Background



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

Color Contrast Check

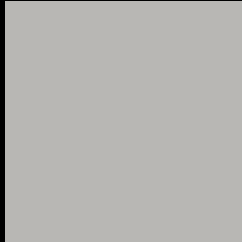
Large Text (above 18pt) WCAG AA × Fail

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 181, 184, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

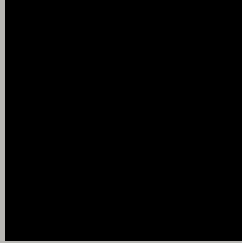
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

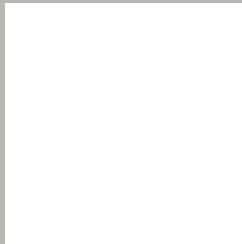
Any Text WCAG AAA ✓ Pass

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

RYB 181, 184, 180 Background



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



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

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


181, 184, 180

Protanopia

187, 184, 179

Deuteranopia

201, 177, 181



Tritanopia
186, 181, 195

Trichromacy



Original Color

181, 184, 180

Protanomaly

186, 184, 179

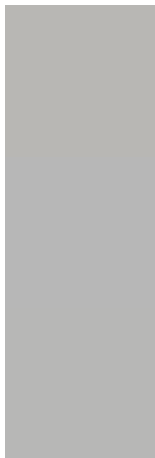
Deuteranomaly

195, 179, 181

Tritanomaly

185, 182, 190

Monochromacy



Original Color

181, 184, 180

Achromatopsia

183, 183, 183

Achromatomaly

182, 183, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 184, 180 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, 183, 180) looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 180) }
```

Border

The CSS property to change the border of an element to RYB 181, 184, 180 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, 183, 180) }
```

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

```
.border{ border-color:rgb(184, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
180) }
```

Background

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

```
.background, #background, body{  
background: rgb(184, 183, 180) }
```

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

```
.background{ background-color: rgb(184,  
183, 180) }
```

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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