

Converting Colors

RGB(180, 177, 168)

Have a look what the booklet for
RGB(180, 177, 168) contains.

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Color

RGB(180, 177, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B4B1A8
RGB	180, 177, 168
RGB Percent	71%, 69%, 66%
CMY	0.2941, 0.3059, 0.3412
CMYK	0.00, 0.02, 0.07, 0.29
HSL	45°, 7%, 68%
HSV	45°, 7%, 71%
XYZ	41.6124, 43.9747, 43.3406
YIQ	176.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

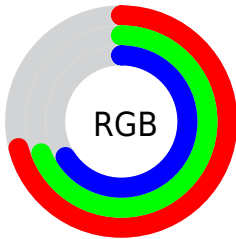
Format	Color
RYB	172, 180, 168
Decimal	11841960
CIELab	72.21, -0.56, 4.97
CIELCh	72, 4.999, 96.426
Yxy	43.9747, 0.3228, 0.3411
Android (android.graphics.Color)	4290032040 (0xFFB4B1A8)
YUV	176.8710, -4.3734, 2.7441
Hunter-Lab	66.3134, -4.0378, 7.6692

Details

The RGB color **180, 177, 168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 171, 180**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **236, 233, 223**, and **127, 124, 116** is the 20% darker color. If you saturate the color by 10%, you get **180, 172, 150**, and if you desaturate by 10%, it is **180, 182, 186**.

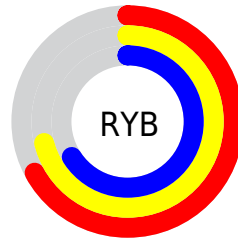
Distribution



Red (71%)

Green (69%)

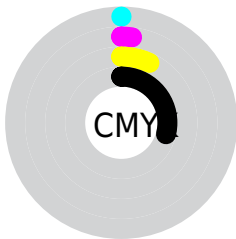
Blue (66%)



Red (67%)

Yellow (71%)

Blue (66%)

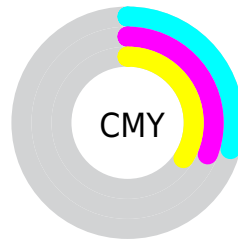


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 177, 168 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 RGB color 180, 177, 168 by changing the saturation by 10% instead.

■ 180, 177, 168

255, 255, 255

■ 236, 233, 223

255, 255, 252

■ 180, 177, 168

■ 153, 150, 142

■ 127, 124, 116

■ 102, 100, 91

■ 78, 76, 68

■ 55, 53, 46

■ 34, 32, 25


■ 11, 8, 0


■ 0, 0, 0


■ 180, 177, 168


■ 180, 177, 168


 180, 172, 150


 180, 182, 186


 180, 168, 132


 180, 186, 204

 180, 163, 114


 180, 191, 222

 180, 159, 96


 180, 195, 240

 180, 154, 78


 180, 200, 255

 180, 150, 60

 180, 204, 255

 180, 145, 42

 180, 209, 255

 180, 141, 24

 180, 213, 255

 180, 136, 6

 180, 218, 255

Harmonies

Analogous

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



184, 176, 169



180, 177, 168



175, 178, 170

Triad

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



180, 177, 168



166, 180, 182



184, 174, 181

Complementary

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



180, 177, 168



168, 171, 180

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.



179, 176, 184



180, 177, 168



169, 178, 185

Square

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



180, 177, 168



167, 180, 178



174, 177, 186



187, 174, 176

Rectangle

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



180, 177, 168



171, 179, 172



174, 177, 186



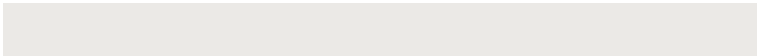
183, 175, 182

Sweetspot

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



180, 177, 168



235, 233, 230



180, 168, 171



117, 117, 115



245, 245, 245



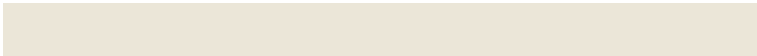
117, 117, 117

Same Dimension

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



180, 177, 168



235, 230, 216



177, 180, 168



89, 87, 80



153, 115, 0



26, 19, 0

Inverse Universe

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



168, 171, 180



216, 221, 235



171, 168, 180



80, 83, 89



0, 38, 153



0, 6, 26

Previews

White Background



This preview shows how the RGB color 180, 177, 168 looks on a white background.

Color Contrast Check

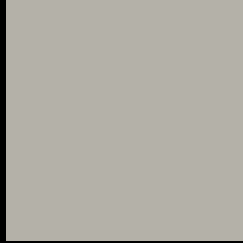
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 180, 177, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

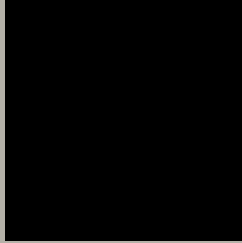
Any Text WCAG AA ✓ Pass

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](#).

RGB 180, 177, 168 Background



This preview shows how black text looks on a background with the RGB color 180, 177, 168.

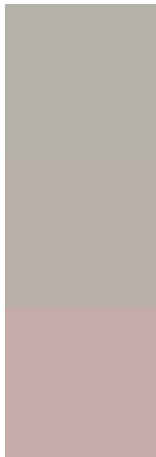


This preview shows how white text looks on a background with the RGB color 180, 177, 168.

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
180, 177, 168

Protanopia
182, 176, 168

Deuteranopia
197, 171, 169



Tritanopia
183, 174, 188

Trichromacy



Original Color

180, 177, 168

Protanomaly

181, 176, 168

Deuteranomaly

191, 173, 169

Tritanomaly

182, 175, 181

Monochromacy



Original Color

180, 177, 168

Achromatopsia

177, 177, 177

Achromatomaly

178, 177, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 177, 168 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, 177, 168) looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 168)  
}
```

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, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 168) }
```

Border

The CSS property to change the border of an element to RGB 180, 177, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

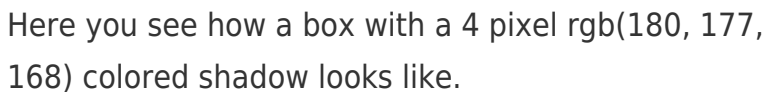
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 177, 168) }
```

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

```
.border{ border-color:rgb(180, 177, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 180, 177, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 168) }
```

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

```
.background{ background-color: rgb(180,  
177, 168) }
```

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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