

# Converting Colors

RGB(188, 177, 162)

Have a look what the booklet for  
RGB(188, 177, 162) contains.

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# Color

**RGB(188, 177, 162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB1A2
RGB	188, 177, 162
RGB Percent	74%, 69%, 64%
CMY	0.2627, 0.3059, 0.3647
CMYK	0.00, 0.06, 0.14, 0.26
HSL	35°, 16%, 69%
HSV	35°, 14%, 74%
XYZ	42.9828, 44.7443, 40.5535
YIQ	178.5790, 11.3710, -2.3330

# Conversions

## Conversions Part 2

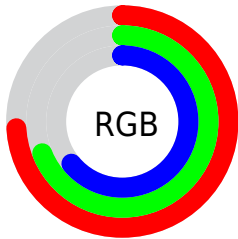
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 188, 162
Decimal	12366242
CIELab	72.72, 1.36, 9.07
CIELCh	73, 9.175, 81.488
Yxy	44.7443, 0.3351, 0.3488
Android (android.graphics.Color)	4290556322 (0xFFBCB1A2)
YUV	178.5790, -8.1734, 8.2622
Hunter-Lab	66.8912, -2.3594, 10.8786

# Details

The RGB color **188, 177, 162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **162, 173, 188**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **244, 233, 217**, and **135, 124, 110** is the 20% darker color. If you saturate the color by 10%, you get **188, 169, 143**, and if you desaturate by 10%, it is **188, 185, 181**.

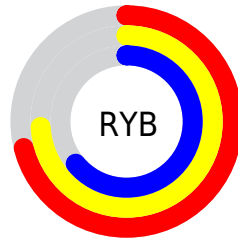
# Distribution



Red (74%)

Green (69%)

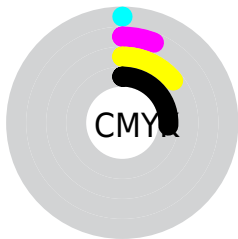
Blue (64%)



Red (71%)

Yellow (74%)

Blue (64%)

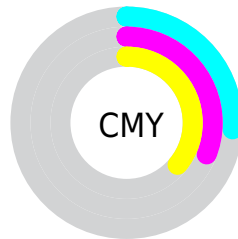


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 188, 177, 162 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 188, 177, 162 by changing the saturation by 10% instead.




 188, 177, 162


255, 255, 255


 244, 233, 217


 255, 255, 245


 188, 177, 162

 161, 150, 136

 135, 124, 110

 109, 100, 86

 85, 76, 63

 61, 53, 41

 39, 32, 20

 17, 8, 0

 0, 0, 0

 188, 177, 162

 188, 177, 162

 188, 169, 143


 188, 185, 181

 188, 161, 124


 188, 193, 200

 188, 153, 106


 188, 201, 218

 188, 145, 87


 188, 209, 237

 188, 137, 68


 188, 217, 255

 188, 129, 49

 188, 225, 255

 188, 121, 30

 188, 233, 255

 188, 113, 12

 188, 241, 255

 188, 108, 0

 188, 249, 255

# Harmonies

## Analogous

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



195, 175, 166



188, 177, 162



179, 180, 163

# Triad

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



188, 177, 162



158, 183, 184



187, 175, 189

# Complementary

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



188, 177, 162



162, 173, 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.



177, 177, 194



188, 177, 162



160, 182, 191

# Square

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



188, 177, 162



161, 183, 176



167, 180, 195



194, 173, 181

# Rectangle

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



188, 177, 162



172, 181, 166



167, 180, 195



184, 175, 191

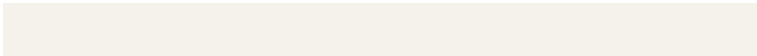


# Sweetspot

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



188, 177, 162



245, 241, 235



188, 162, 173



122, 120, 116



250, 250, 250



122, 122, 122

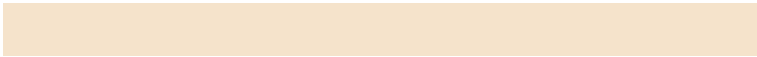


# Same Dimension

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



188, 177, 162



245, 227, 203



186, 188, 162



94, 90, 85



158, 91, 0



31, 18, 0



# Inverse Universe

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



162, 173, 188



203, 221, 245



164, 162, 188



85, 89, 94



0, 67, 158

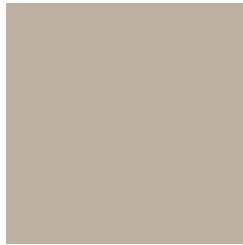


0, 13, 31



# Previews

## White Background



This preview shows how the RGB color 188, 177, 162 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 188, 177, 162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

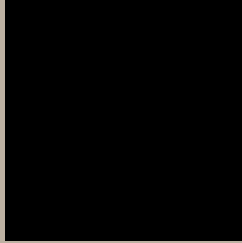
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

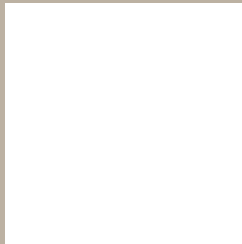
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 188, 177, 162 Background



This preview shows how black text looks on a background with the RGB color 188, 177, 162.

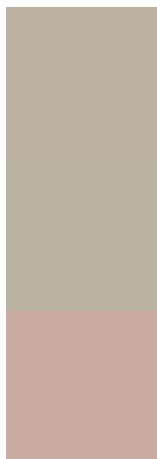


This preview shows how white text looks on a background with the RGB color 188, 177, 162.

# 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


188, 177, 162

### Protanopia

185, 178, 162

### Deuteranopia

201, 172, 163



**Tritanopia**  
191, 173, 187

# Trichromacy



**Original Color**

188, 177, 162

**Protanomaly**

186, 178, 162

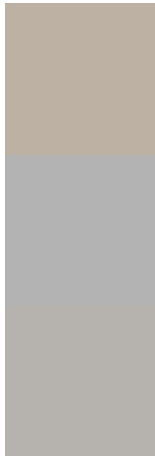
**Deuteranomaly**

196, 174, 163

**Tritanomaly**

190, 174, 178

# Monochromacy



**Original Color**

188, 177, 162

**Achromatopsia**

179, 179, 179

**Achromatomaly**

182, 178, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 188, 177, 162 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(188, 177, 162) looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 162)  
}
```

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(188, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 162) }
```

## Border

The CSS property to change the border of an element to RGB 188, 177, 162 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(188, 177, 162) }
```

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

```
.border{ border-color:rgb(188, 177, 162) }
```

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

Here you see how a box with a 4 pixel rgb(188, 177, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
162) }
```

# Background

The CSS property to change the background color of an element to RGB 188, 177, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 162) }
```

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

```
.background{ background-color: rgb(188,  
177, 162) }
```

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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