

Converting Colors

RGB(190, 165, 117)

Have a look what the booklet for
RGB(190, 165, 117) contains.

RGB(190, 165, 117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(190, 165, 117)

Conversions

Conversions Part 1

Format	Color
Hex	BEA575
RGB	190, 165, 117
RGB Percent	75%, 65%, 46%
CMY	0.2549, 0.3529, 0.5412
CMYK	0.00, 0.13, 0.38, 0.25
HSL	39°, 36%, 60%
HSV	39°, 38%, 75%
XYZ	37.9012, 39.1418, 22.3871
YIQ	167.0030, 30.3080, -9.6280

Conversions

Conversions Part 2

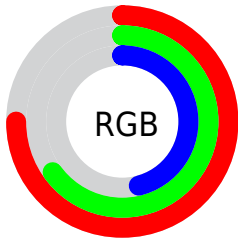
Format	Color
RYB	155, 190, 117
Decimal	12494197
CIELab	68.85, 2.27, 28.26
CIELCh	69, 28.347, 85.399
Yxy	39.1418, 0.3812, 0.3937
Android (android.graphics.Color)	4290684277 (0xFFBEA575)
YUV	167.0030, -24.6515, 20.1684
Hunter-Lab	62.5634, -1.3497, 22.5786

Details

The RGB color **190, 165, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 142, 190**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **247, 220, 170**, and **135, 113, 68** is the 20% darker color. If you saturate the color by 10%, you get **190, 158, 98**, and if you desaturate by 10%, it is **190, 172, 136**.

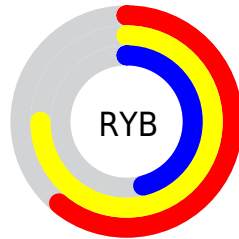
Distribution



Red (75%)

Green (65%)

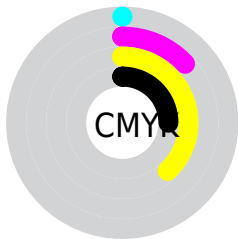
Blue (46%)



Red (61%)

Yellow (75%)

Blue (46%)

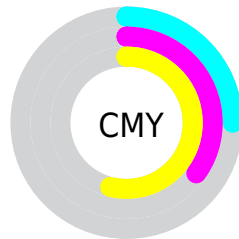


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 165, 117 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 190, 165, 117 by changing the saturation by 10% instead.

 190, 165, 117


255, 255, 255


 247, 220, 170

 255, 248, 197

 255, 255, 225

255, 255, 254

 190, 165, 117

 190, 158, 98

 190, 165, 117

 162, 139, 92

 135, 113, 68

 109, 89, 45

 83, 66, 23

 59, 44, 0

 35, 23, 0

 0, 0, 0

 190, 165, 117

 190, 172, 136

■ 190, 152, 79

■ 190, 178, 155

■ 190, 145, 60

■ 190, 185, 174

■ 190, 139, 41

■ 190, 191, 193

■ 190, 132, 22

■ 190, 198, 212

■ 190, 126, 3

■ 190, 204, 231

■ 190, 125, 0

■ 190, 211, 250

■ 190, 217, 255

■ 190, 224, 255

Harmonies

Analogous

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



210, 156, 127



190, 165, 117



163, 173, 121

Triad

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



190, 165, 117



88, 182, 189



197, 154, 197

Complementary

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



190, 165, 117



117, 142, 190

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.



166, 163, 214



190, 165, 117



97, 178, 209

Square

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



190, 165, 117



106, 182, 163



129, 172, 219



215, 149, 173

Rectangle

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



190, 165, 117



144, 177, 131



129, 172, 219



188, 157, 204

Sweetspot

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



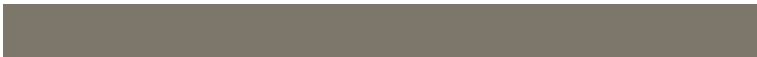
190, 165, 117



247, 237, 218



190, 117, 143



125, 119, 107



252, 252, 252



125, 125, 125

Same Dimension

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



190, 165, 117



247, 208, 134



179, 190, 117



94, 91, 85



158, 104, 0



31, 20, 0

Inverse Universe

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



117, 142, 190



134, 173, 247



128, 117, 190



85, 88, 94



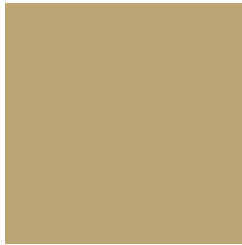
0, 54, 158



0, 10, 31

Previews

White Background



This preview shows how the RGB color 190, 165, 117 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 190, 165, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

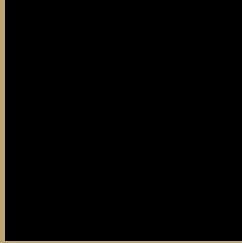
Any Text WCAG AA ✓ Pass

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 190, 165, 117 Background



This preview shows how black text looks on a background with the RGB color 190, 165, 117.



This preview shows how white text looks on a background with the RGB color 190, 165, 117.

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
190, 165, 117

Protanopia
181, 168, 118

Deuteranopia
200, 161, 118



Tritanopia
196, 158, 170

Trichromacy



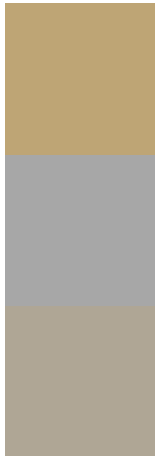
Original Color
190, 165, 117

Protanomaly
184, 167, 118

Deuteranomaly
196, 162, 118

Tritanomaly
194, 161, 151

Monochromacy



Original Color
190, 165, 117

Achromatopsia
167, 167, 167

Achromatomaly
175, 166, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 165, 117 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(190, 165, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 117)  
}
```

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(190, 165, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 117) }
```

Border

The CSS property to change the border of an element to RGB 190, 165, 117 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(190, 165, 117) }
```

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

```
.border{ border-color:rgb(190, 165, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 165, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 165, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 165, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 165,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 190, 165, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 117) }
```

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

```
.background{ background-color: rgb(190,  
165, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor