

Converting Colors

RGB(176, 155, 133)

Have a look what the booklet for
RGB(176, 155, 133) contains.

RGB(176, 155, 133)	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(176, 155, 133)

Conversions

Conversions Part 1

Format	Color
Hex	B09B85
RGB	176, 155, 133
RGB Percent	69%, 61%, 52%
CMY	0.3098, 0.3922, 0.4784
CMYK	0.00, 0.12, 0.24, 0.31
HSL	31°, 21%, 61%
HSV	31°, 24%, 69%
XYZ	33.8595, 34.3663, 27.0391
YIQ	158.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

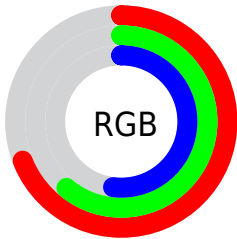
Format	Color
RYB	174, 176, 133
Decimal	11574149
CIELab	65.25, 4.22, 14.38
CIELCh	65, 14.986, 73.639
Yxy	34.3663, 0.3554, 0.3607
Android (android.graphics.Color)	4289764229 (0xFFB09B85)
YUV	158.7710, -12.7051, 15.1098
Hunter-Lab	58.6227, 0.5087, 13.6891

Details

The RGB color **176, 155, 133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **133, 154, 176**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **232, 209, 186**, and **123, 104, 83** is the 20% darker color. If you saturate the color by 10%, you get **176, 146, 115**, and if you desaturate by 10%, it is **176, 164, 151**.

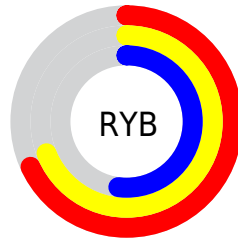
Distribution



Red (69%)

Green (61%)

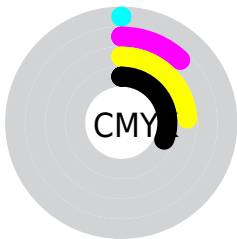
Blue (52%)



Red (68%)

Yellow (69%)

Blue (52%)

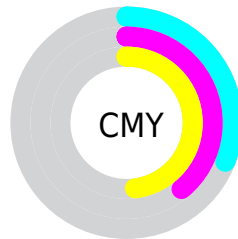


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 155, 133 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 176, 155, 133 by changing the saturation by 10% instead.

 176, 155, 133

255, 255, 255


 232, 209, 186

 255, 238, 214

 255, 255, 242

 176, 155, 133

 149, 129, 108

 123, 104, 83

 98, 80, 60

 73, 57, 38

 50, 36, 18


 29, 14, 0


 0, 0, 0

 176, 155, 133

 176, 146, 115


 176, 155, 133

 176, 164, 151

 176, 138, 98

 176, 172, 168

 176, 129, 80


 176, 181, 186

 176, 121, 63

 176, 189, 203

 176, 112, 45

 176, 198, 221

 176, 103, 27

 176, 207, 239

 176, 95, 10

 176, 215, 255

 176, 90, 0

 176, 224, 255

 176, 232, 255

Harmonies

Analogous

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



185, 151, 140



176, 155, 133



163, 159, 132

Triad

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



176, 155, 133



124, 166, 164



168, 153, 178

Complementary

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



176, 155, 133



133, 154, 176

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.



151, 157, 184



176, 155, 133



125, 165, 176

Square

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



176, 155, 133



133, 166, 150



135, 162, 184



181, 150, 166

Rectangle

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



176, 155, 133



152, 162, 136



135, 162, 184



163, 154, 181

Sweetspot

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



176, 155, 133



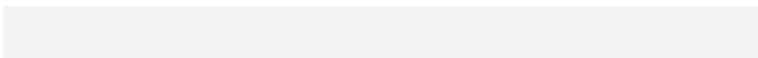
230, 222, 213



176, 133, 155



115, 110, 106



242, 242, 242



115, 115, 115

Same Dimension

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



176, 155, 133



230, 197, 163



176, 176, 133



89, 85, 80



153, 78, 0



26, 13, 0

Inverse Universe

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



133, 154, 176



163, 195, 230



133, 133, 176



80, 85, 89



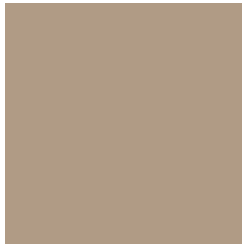
0, 75, 153



0, 12, 26

Previews

White Background



This preview shows how the RGB color 176, 155, 133 looks on a white background.

Color Contrast Check

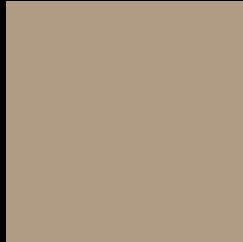
Large Text (above 18pt) WCAG AA × Fail

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 176, 155, 133 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 176, 155, 133 Background



This preview shows how black text looks on a background with the RGB color 176, 155, 133.



This preview shows how white text looks on a background with the RGB color 176, 155, 133.

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
176, 155, 133

Protanopia
167, 158, 135

Deuteranopia
183, 152, 133



Tritanopia
180, 151, 163

Trichromacy



Original Color

176, 155, 133

Protanomaly

170, 157, 134

Deuteranomaly

180, 153, 133

Tritanomaly

179, 152, 152

Monochromacy



Original Color

176, 155, 133

Achromatopsia

159, 159, 159

Achromatomaly

165, 158, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 155, 133 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(176, 155, 133) looks like.

```
.text, #text, p{  
    color:rgb(176, 155, 133)  
}
```

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(176, 155, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 155, 133) }
```

Border

The CSS property to change the border of an element to RGB 176, 155, 133 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(176, 155, 133) }
```

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

```
.border{ border-color:rgb(176, 155, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 155, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(176, 155,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 176, 155, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 155, 133) }
```

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

```
.background{ background-color: rgb(176,  
155, 133) }
```

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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