

Converting Colors

RGB(180, 170, 134)

Have a look what the booklet for
RGB(180, 170, 134) contains.

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Color

RGB(180, 170, 134)

Conversions

Conversions Part 1

Format	Color
Hex	B4AA86
RGB	180, 170, 134
RGB Percent	71%, 67%, 53%
CMY	0.2941, 0.3333, 0.4745
CMYK	0.00, 0.06, 0.26, 0.29
HSL	47°, 23%, 62%
HSV	47°, 26%, 71%
XYZ	37.5002, 40.1740, 28.3321
YIQ	168.8860, 17.5160, -9.0760

Conversions

Conversions Part 2

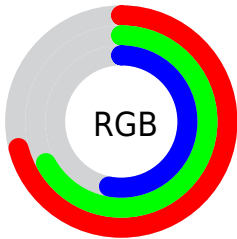
Format	Color
RYB	147, 180, 134
Decimal	11840134
CIELab	69.59, -2.22, 19.89
CIELCh	70, 20.014, 96.357
Yxy	40.1740, 0.3538, 0.3790
Android (android.graphics.Color)	4290030214 (0xFFB4AA86)
YUV	168.8860, -17.1988, 9.7470
Hunter-Lab	63.3829, -5.3116, 17.8655

Details

The RGB color **180, 170, 134** is a light color, and the websafe version is hex **999966**. A complement of this color would be **134, 144, 180**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **236, 225, 187**, and **127, 118, 84** is the 20% darker color. If you saturate the color by 10%, you get **180, 166, 116**, and if you desaturate by 10%, it is **180, 174, 152**.

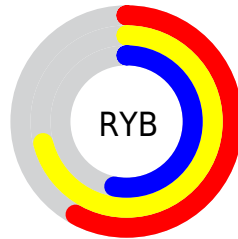
Distribution



Red (71%)

Green (67%)

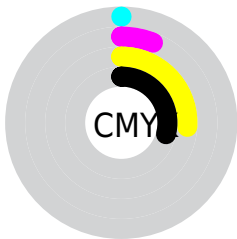
Blue (53%)



Red (58%)

Yellow (71%)

Blue (53%)

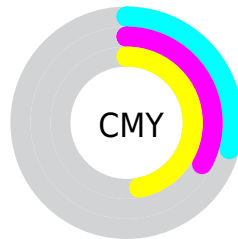


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 170, 134 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, 170, 134 by changing the saturation by 10% instead.

 180, 170, 134

255, 255, 255

 236, 225, 187


 255, 254, 215

 255, 255, 244

 180, 170, 134

 153, 144, 109

 127, 118, 84


 101, 93, 61

 77, 70, 39

 53, 48, 18

 32, 27, 0


 0, 0, 0

 180, 170, 134


 180, 166, 116


 180, 170, 134

 180, 174, 152


 180, 162, 98


 180, 178, 170


 180, 158, 80


 180, 182, 188


 180, 154, 62

 180, 186, 206


 180, 150, 44

 180, 190, 224


 180, 147, 26

 180, 193, 242

 180, 143, 8

 180, 197, 255

 180, 141, 0

 180, 201, 255

 180, 205, 255

Harmonies

Analogous

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



197, 164, 137



180, 170, 134



160, 175, 140

Triad

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



180, 170, 134



121, 179, 191



197, 159, 185

Complementary

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



180, 170, 134



134, 144, 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.



178, 164, 199



180, 170, 134



132, 176, 203

Square

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



180, 170, 134



124, 181, 173



154, 170, 206



207, 157, 167

Rectangle

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



180, 170, 134



146, 178, 149



154, 170, 206



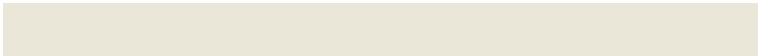
192, 160, 190

Sweetspot

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



180, 170, 134



235, 231, 216



180, 134, 145



117, 115, 106



245, 245, 245



117, 117, 117

Same Dimension

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



180, 170, 134



235, 219, 162



168, 180, 134



89, 87, 80



153, 120, 0



26, 20, 0

Inverse Universe

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



134, 144, 180



162, 178, 235



146, 134, 180



80, 82, 89



0, 33, 153



0, 6, 26

Previews

White Background



This preview shows how the RGB color 180, 170, 134 looks on a white background.

Color Contrast Check

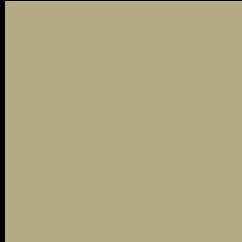
Large Text (above 18pt) WCAG AA × Fail

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, 170, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

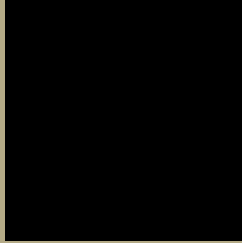
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

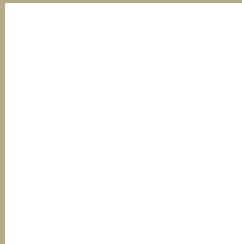
Any Text WCAG AAA ✓ Pass

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

RGB 180, 170, 134 Background



This preview shows how black text looks on a background with the RGB color 180, 170, 134.



This preview shows how white text looks on a background with the RGB color 180, 170, 134.

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, 170, 134

Protanopia
181, 170, 134

Deuteranopia
198, 163, 135



Tritanopia
185, 164, 177

Trichromacy



Original Color

180, 170, 134

Protanomaly

181, 170, 134

Deuteranomaly

191, 166, 135

Tritanomaly

183, 166, 161

Monochromacy



Original Color

180, 170, 134

Achromatopsia

169, 169, 169

Achromatomaly

173, 169, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 170, 134 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, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(180, 170, 134)  
}
```

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, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 170, 134) }
```

Border

The CSS property to change the border of an element to RGB 180, 170, 134 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, 170, 134) }
```

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

```
.border{ border-color:rgb(180, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(180, 170,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 180, 170, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 170, 134) }
```

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

```
.background{ background-color: rgb(180,  
170, 134) }
```

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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