

Converting Colors

RGB(197, 170, 133)

Have a look what the booklet for
RGB(197, 170, 133) contains.

RGB(197, 170, 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(197, 170, 133)

Conversions

Conversions Part 1

Format	Color
Hex	C5AA85
RGB	197, 170, 133
RGB Percent	77%, 67%, 52%
CMY	0.2275, 0.3333, 0.4784
CMYK	0.00, 0.14, 0.32, 0.23
HSL	35°, 36%, 65%
HSV	35°, 32%, 77%
XYZ	41.6343, 42.3132, 28.1632
YIQ	173.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

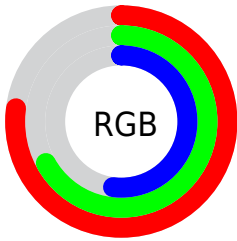
Format	Color
RYB	180, 197, 133
Decimal	12954245
CIELab	71.09, 4.36, 22.72
CIELCh	71, 23.133, 79.143
Yxy	42.3132, 0.3714, 0.3774
Android (android.graphics.Color)	4291144325 (0xFFC5AA85)
YUV	173.8550, -20.1415, 20.2982
Hunter-Lab	65.0486, 0.4137, 19.8641

Details

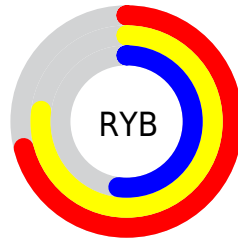
The RGB color **197, 170, 133** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **133, 160, 197**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **254, 225, 186**, and **142, 118, 83** is the 20% darker color. If you saturate the color by 10%, you get **197, 162, 113**, and if you desaturate by 10%, it is **197, 178, 153**.

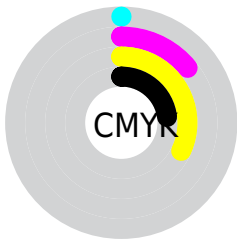
Distribution



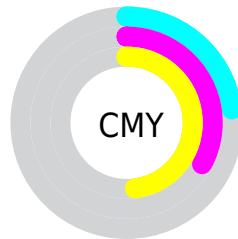
- Red (77%)
- Green (67%)
- Blue (52%)



- Red (71%)
- Yellow (77%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (23%)




- Cyan (23%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 170, 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 197, 170, 133 by changing the saturation by 10% instead.

 197, 170, 133

255, 255, 255

 254, 225, 186


 255, 254, 214


 255, 255, 243

 197, 170, 133

 169, 144, 108

 142, 118, 83

 116, 93, 60


 90, 70, 37


 66, 48, 16


 43, 27, 0

 16, 0, 0

 0, 0, 0

 197, 170, 133

 197, 170, 133

 197, 162, 113

 197, 178, 153

 197, 153, 94

 197, 187, 172

 197, 145, 74

 197, 195, 192

 197, 137, 54

 197, 203, 212

 197, 128, 35

 197, 212, 232

 197, 120, 15

 197, 220, 251

 197, 114, 0

 197, 228, 255

 197, 236, 255

 197, 245, 255

Harmonies

Analogous

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



212, 163, 143



197, 170, 133



176, 177, 134

Triad

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



197, 170, 133



115, 186, 187



194, 164, 202

Complementary

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



197, 170, 133



133, 160, 197

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.



167, 171, 214



197, 170, 133



118, 183, 205

Square

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



197, 170, 133



129, 186, 165



139, 178, 215



211, 160, 183

Rectangle

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



197, 170, 133



160, 181, 141



139, 178, 215



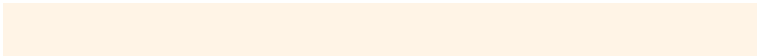
186, 166, 207

Sweetspot

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



197, 170, 133



255, 244, 230



197, 133, 161



128, 121, 112



0, 0, 0



128, 128, 128

Same Dimension

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



197, 170, 133



255, 213, 156



193, 197, 133



99, 95, 90



163, 94, 0



36, 21, 0

Inverse Universe

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



133, 160, 197



156, 198, 255



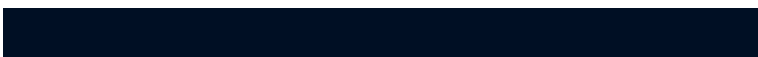
137, 133, 197



90, 94, 99



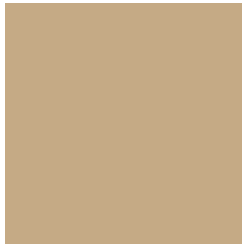
0, 69, 163



0, 15, 36

Previews

White Background



This preview shows how the RGB color 197, 170, 133 looks on a white background.

Color Contrast Check

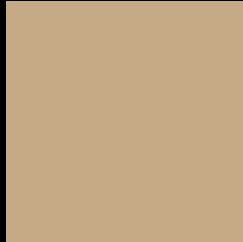
Large Text (above 18pt) WCAG AA × Fail

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 197, 170, 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

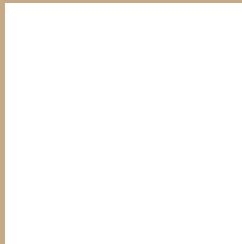
Any Text WCAG AAA ✓ Pass

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

RGB 197, 170, 133 Background



This preview shows how black text looks on a background with the RGB color 197, 170, 133.



This preview shows how white text looks on a background with the RGB color 197, 170, 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
197, 170, 133

Protanopia
186, 174, 135

Deuteranopia
204, 167, 134



Tritanopia
202, 164, 177

Trichromacy



Original Color
197, 170, 133

Protanomaly
190, 173, 134

Deuteranomaly
201, 168, 134

Tritanomaly
200, 166, 161

Monochromacy



Original Color
197, 170, 133

Achromatopsia
174, 174, 174

Achromatomaly
182, 173, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 170, 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(197, 170, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 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(197, 170, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 133) }
```

Border

The CSS property to change the border of an element to RGB 197, 170, 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(197, 170, 133) }
```

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

```
.border{ border-color:rgb(197, 170, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 197, 170, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 133) }
```

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

```
.background{ background-color: rgb(197,  
170, 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](#).

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