

Converting Colors

RGB(199, 176, 168)

Have a look what the booklet for
RGB(199, 176, 168) contains.

RGB(199, 176, 168)	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(199, 176, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C7B0A8
RGB	199, 176, 168
RGB Percent	78%, 69%, 66%
CMY	0.2196, 0.3098, 0.3412
CMYK	0.00, 0.12, 0.16, 0.22
HSL	15°, 22%, 72%
HSV	15°, 16%, 78%
XYZ	46.1464, 46.0199, 43.4963
YIQ	181.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

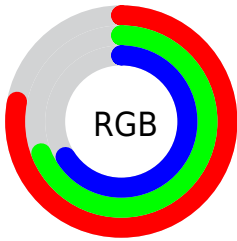
Format	Color
RYB	199, 179, 168
Decimal	13086888
CIELab	73.56, 6.95, 7.11
CIELCh	74, 9.947, 45.662
Yxy	46.0199, 0.3402, 0.3392
Android (android.graphics.Color)	4291276968 (0xFFC7B0A8)
YUV	181.9650, -6.8847, 14.9397
Hunter-Lab	67.8380, 2.7071, 9.4711

Details

The RGB color **199, 176, 168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **168, 191, 199**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 232, 223**, and **145, 124, 116** is the 20% darker color. If you saturate the color by 10%, you get **199, 161, 148**, and if you desaturate by 10%, it is **199, 191, 188**.

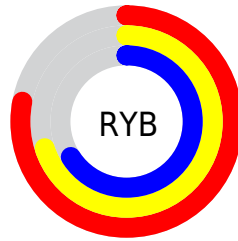
Distribution



Red (78%)

Green (69%)

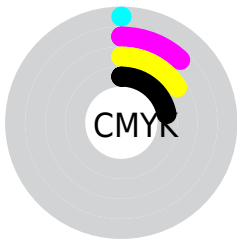
Blue (66%)



Red (78%)

Yellow (70%)

Blue (66%)

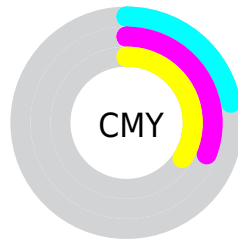


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 176, 168 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 199, 176, 168 by changing the saturation by 10% instead.


 199, 176, 168


255, 255, 255

 255, 232, 223


255, 255, 252

 199, 176, 168

 172, 149, 142

 145, 124, 116

 119, 99, 91

 94, 75, 68

 70, 52, 46

 47, 31, 25

 28, 7, 0

 0, 0, 0

 199, 176, 168

 199, 176, 168

 199, 161, 148

 199, 191, 188

 199, 146, 128

 199, 206, 208

 199, 132, 108

 199, 220, 228

 199, 117, 88


 199, 235, 248

 199, 102, 69

 199, 250, 255

 199, 87, 49

 199, 255, 255

 199, 73, 29

 199, 58, 9

 199, 51, 0

Harmonies

Analogous

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



201, 175, 176



199, 176, 168



193, 179, 163

Triad

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



199, 176, 168



163, 186, 176



177, 180, 198

Complementary

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



199, 176, 168



168, 191, 199

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, 183, 198



199, 176, 168



158, 186, 185

Square

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



199, 176, 168



173, 184, 168



159, 185, 193



188, 177, 193

Rectangle

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



199, 176, 168



187, 181, 163



159, 185, 193



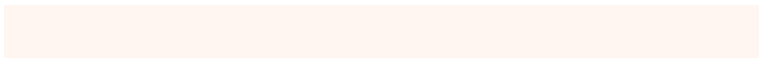
173, 181, 199

Sweetspot

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



199, 176, 168



255, 246, 242



199, 168, 191



128, 122, 120



0, 0, 0



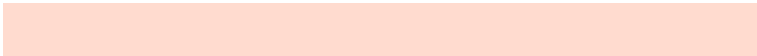
128, 128, 128

Same Dimension

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



199, 176, 168



255, 219, 207



199, 191, 168



99, 92, 90



163, 42, 0



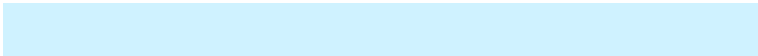
36, 9, 0

Inverse Universe

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



168, 191, 199



207, 242, 255



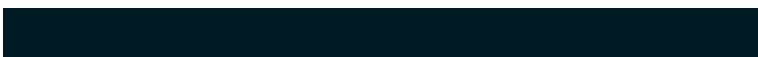
168, 176, 199



90, 97, 99



0, 121, 163



0, 26, 36

Previews

White Background



This preview shows how the RGB color 199, 176, 168 looks on a white background.

Color Contrast Check

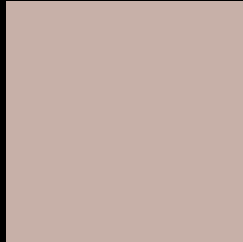
Large Text (above 18pt) WCAG AA × Fail

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 199, 176, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

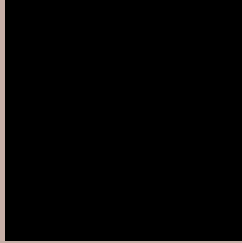
Any Text WCAG AA ✓ Pass

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 199, 176, 168 Background



This preview shows how black text looks on a background with the RGB color 199, 176, 168.



This preview shows how white text looks on a background with the RGB color 199, 176, 168.

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
199, 176, 168

Protanopia
187, 180, 170

Deuteranopia
203, 175, 168



Tritanopia
201, 173, 187

Trichromacy



Original Color
199, 176, 168

Protanomaly
191, 179, 169

Deuteranomaly
202, 175, 168

Tritanomaly
200, 174, 180

Monochromacy



Original Color
199, 176, 168

Achromatopsia
182, 182, 182

Achromatomaly
188, 180, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 176, 168 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(199, 176, 168) looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 168)  
}
```

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(199, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 168) }
```

Border

The CSS property to change the border of an element to RGB 199, 176, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

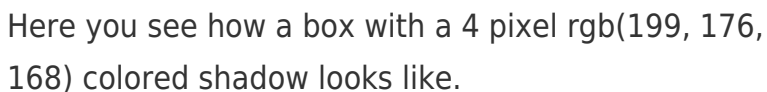
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 176, 168) }
```

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

```
.border{ border-color:rgb(199, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 199, 176, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 168) }
```

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

```
.background{ background-color: rgb(199,  
176, 168) }
```

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