

Converting Colors

RGB(193, 176, 128)

Have a look what the booklet for
RGB(193, 176, 128) contains.

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Color

RGB(193, 176, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C1B080
RGB	193, 176, 128
RGB Percent	76%, 69%, 50%
CMY	0.2431, 0.3098, 0.4980
CMYK	0.00, 0.09, 0.34, 0.24
HSL	44°, 34%, 63%
HSV	44°, 34%, 76%
XYZ	41.4139, 43.9466, 26.7219
YIQ	175.6110, 25.5400, -11.3240

Conversions

Conversions Part 2

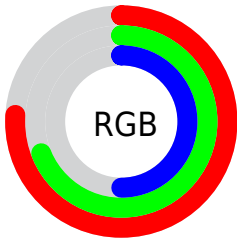
Format	Color
RYB	151, 193, 128
Decimal	12693632
CIELab	72.19, -1.08, 26.84
CIElCh	72, 26.861, 92.311
Yxy	43.9466, 0.3695, 0.3921
Android (android.graphics.Color)	4290883712 (0xFFC1B080)
YUV	175.6110, -23.4722, 15.2502
Hunter-Lab	66.2923, -4.4994, 22.5053

Details

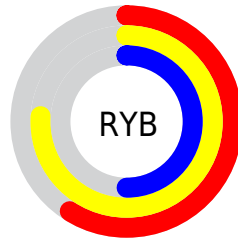
The RGB color **193, 176, 128** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **128, 145, 193**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **250, 231, 181**, and **138, 124, 78** is the 20% darker color. If you saturate the color by 10%, you get **193, 171, 109**, and if you desaturate by 10%, it is **193, 181, 147**.

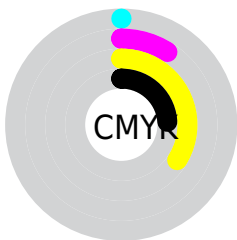
Distribution



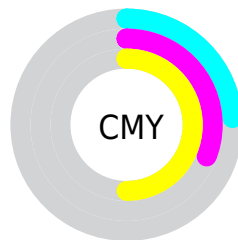
- Red (76%)
- Green (69%)
- Blue (50%)



- Red (59%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 176, 128 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 193, 176, 128 by changing the saturation by 10% instead.

 193, 176, 128

255, 255, 255


 250, 231, 181

 255, 255, 209

 255, 255, 237

 193, 176, 128

 165, 149, 103

 138, 124, 78

 112, 99, 55

 87, 75, 32

 62, 53, 10

 40, 31, 0

 10, 8, 0

 0, 0, 0

 193, 176, 128

 193, 176, 128

■ 193, 171, 109

■ 193, 181, 147

■ 193, 166, 89

■ 193, 186, 167

■ 193, 161, 70

■ 193, 191, 186

■ 193, 156, 51

■ 193, 196, 205

■ 193, 151, 32

■ 193, 201, 225

■ 193, 146, 12

■ 193, 206, 244

■ 193, 143, 0

■ 193, 211, 255

■ 193, 216, 255

■ 193, 221, 255

Harmonies

Analogous

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



214, 168, 134



193, 176, 128



166, 183, 135

Triad

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



193, 176, 128



103, 190, 202



210, 163, 200

Complementary

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



193, 176, 128



128, 145, 193

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.



183, 170, 218



193, 176, 128



118, 186, 220

Square

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



193, 176, 128



114, 191, 178



149, 179, 226



225, 159, 176

Rectangle

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



193, 176, 128



148, 187, 146



149, 179, 226



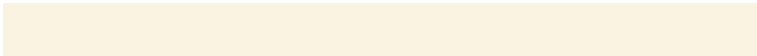
202, 165, 207

Sweetspot

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



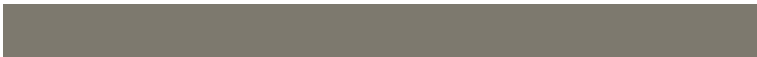
193, 176, 128



250, 243, 225



193, 128, 145



125, 121, 110



252, 252, 252



125, 125, 125

Same Dimension

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



193, 176, 128



250, 224, 150



178, 193, 128



97, 94, 87



161, 119, 0



33, 24, 0

Inverse Universe

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



128, 145, 193



150, 176, 250



143, 128, 193



87, 90, 97



0, 42, 161



0, 9, 33

Previews

White Background



This preview shows how the RGB color 193, 176, 128 looks on a white background.

Color Contrast Check

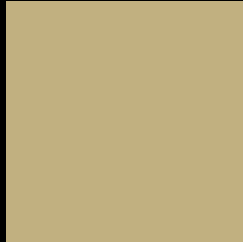
Large Text (above 18pt) WCAG AA × Fail

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 193, 176, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

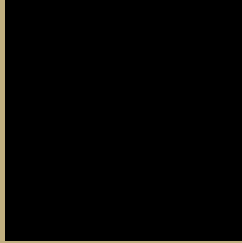
Any Text WCAG AA ✓ Pass

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 193, 176, 128 Background



This preview shows how black text looks on a background with the RGB color 193, 176, 128.



This preview shows how white text looks on a background with the RGB color 193, 176, 128.

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
193, 176, 128

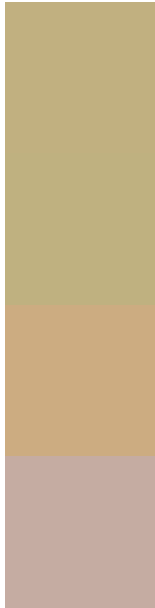
Protanopia
190, 177, 128

Deuteranopia
210, 170, 129



Tritanopia
199, 169, 182

Trichromacy



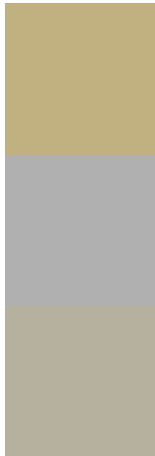
Original Color
193, 176, 128

Protanomaly
191, 177, 128

Deuteranomaly
204, 172, 129

Tritanomaly
197, 172, 162

Monochromacy



Original Color
193, 176, 128

Achromatopsia
176, 176, 176

Achromatomaly
182, 176, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 176, 128 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(193, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 128)  
}
```

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(193, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 128) }
```

Border

The CSS property to change the border of an element to RGB 193, 176, 128 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(193, 176, 128) }
```

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

```
.border{ border-color:rgb(193, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 193, 176, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 128) }
```

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

```
.background{ background-color: rgb(193,  
176, 128) }
```

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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