

Converting Colors

RGB(197, 185, 112)

Have a look what the booklet for
RGB(197, 185, 112) contains.

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Color

RGB(197, 185, 112)

Conversions

Conversions Part 1

Format	Color
Hex	C5B970
RGB	197, 185, 112
RGB Percent	77%, 73%, 44%
CMY	0.2275, 0.2745, 0.5608
CMYK	0.00, 0.06, 0.43, 0.23
HSL	52°, 42%, 61%
HSV	52°, 43%, 77%
XYZ	43.2995, 47.7381, 22.2615
YIQ	180.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

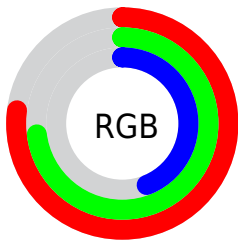
Format	Color
RYB	126, 197, 112
Decimal	12958064
CIELab	74.66, -6.05, 38.49
CIElCh	75, 38.959, 98.930
Yxy	47.7381, 0.3822, 0.4213
Android (android.graphics.Color)	4291148144 (0xFFC5B970)
YUV	180.2660, -33.6551, 14.6757
Hunter-Lab	69.0928, -9.0487, 29.2619

Details

The RGB color **197, 185, 112** is a light color, and the websafe version is hex **C4C499**. A complement of this color would be **112, 124, 197**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 241, 165**, and **142, 132, 62** is the 20% darker color. If you saturate the color by 10%, you get **197, 182, 92**, and if you desaturate by 10%, it is **197, 188, 132**.

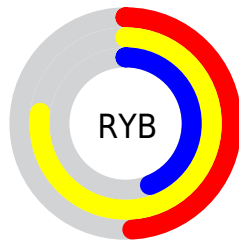
Distribution



Red (77%)

Green (73%)

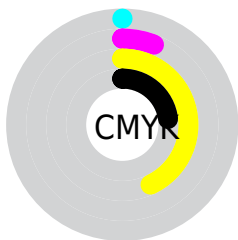
Blue (44%)



Red (49%)

Yellow (77%)

Blue (44%)

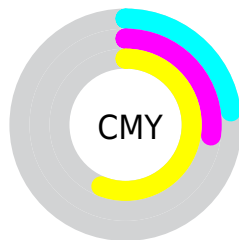


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (23%)



Cyan (23%)


Magenta (27%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 185, 112 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, 185, 112 by changing the saturation by 10% instead.

 197, 185, 112

255, 255, 255

 255, 241, 165

 255, 255, 192

 255, 255, 220

 255, 255, 249

 197, 185, 112

 169, 158, 87

 142, 132, 62

 115, 107, 38


 89, 83, 12


 64, 60, 0

 40, 39, 0

 10, 19, 0

 0, 0, 0

 197, 185, 112

 197, 185, 112

■ 197, 182, 92

■ 197, 188, 132

■ 197, 179, 73

■ 197, 191, 151

■ 197, 177, 53

■ 197, 193, 171

■ 197, 174, 33

■ 197, 196, 191

■ 197, 171, 13

■ 197, 199, 211

■ 197, 169, 0

■ 197, 202, 230

■ 197, 204, 250

■ 197, 207, 255

■ 197, 210, 255

Harmonies

Analogous

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



229, 173, 117



197, 185, 112



158, 195, 127

Triad

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



197, 185, 112



38, 201, 228



238, 160, 210

Complementary

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



197, 185, 112



112, 124, 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.



202, 171, 240



197, 185, 112



88, 194, 250

Square

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



197, 185, 112



65, 203, 194



150, 184, 254



253, 156, 174

Rectangle

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



197, 185, 112



129, 199, 146



150, 184, 254



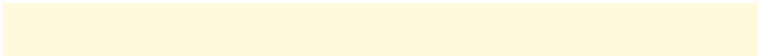
228, 163, 221

Sweetspot

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



197, 185, 112



255, 250, 222



197, 112, 125



128, 125, 107



0, 0, 0



128, 128, 128

Same Dimension

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



197, 185, 112



255, 236, 122



167, 197, 112



99, 98, 90



163, 140, 0



36, 31, 0

Inverse Universe

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



112, 124, 197



122, 141, 255



142, 112, 197



90, 91, 99



0, 23, 163



0, 5, 36

Previews

White Background



This preview shows how the RGB color 197, 185, 112 looks on a white background.

Color Contrast Check

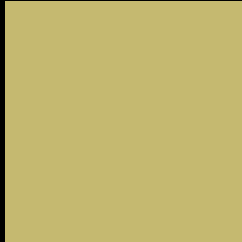
Large Text (above 18pt) WCAG AA × Fail

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, 185, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

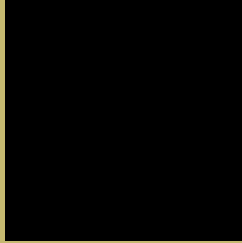
Any Text WCAG AA ✓ Pass

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, 185, 112 Background



This preview shows how black text looks on a background with the RGB color 197, 185, 112.



This preview shows how white text looks on a background with the RGB color 197, 185, 112.

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, 185, 112](#)

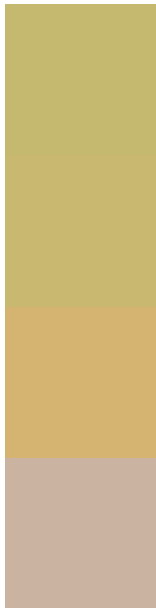
Protanopia
[201, 184, 112](#)

Deuteranopia
[222, 175, 114](#)



Tritanopia
205, 176, 189

Trichromacy



Original Color
197, 185, 112

Protanomaly
200, 184, 112

Deuteranomaly
213, 179, 113

Tritanomaly
202, 179, 161

Monochromacy



Original Color
197, 185, 112

Achromatopsia
180, 180, 180

Achromatomaly
186, 182, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 185, 112 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, 185, 112)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 112)  
}
```

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, 185, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 112) }
```

Border

The CSS property to change the border of an element to RGB 197, 185, 112 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, 185, 112) }
```

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

```
.border{ border-color:rgb(197, 185, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 112);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 197, 185, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 112) }
```

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

```
.background{ background-color: rgb(197,  
185, 112) }
```

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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