

Converting Colors

RGB(205, 204, 130)

Have a look what the booklet for
RGB(205, 204, 130) contains.

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Color

RGB(205, 204, 130)

Conversions

Conversions Part 1

Format	Color
Hex	CDCC82
RGB	205, 204, 130
RGB Percent	80%, 80%, 51%
CMY	0.1961, 0.2000, 0.4902
CMYK	0.00, 0.00, 0.37, 0.20
HSL	59°, 43%, 66%
HSV	59°, 37%, 80%
XYZ	50.7990, 57.7766, 29.5937
YIQ	195.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

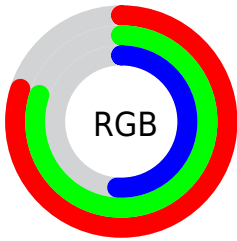
Format	Color
RYB	131, 205, 130
Decimal	13487234
CIELab	80.61, -10.68, 37.02
CIElCh	81, 38.533, 106.084
Yxy	57.7766, 0.3677, 0.4182
Android (android.graphics.Color)	4291677314 (0xFFCDCC82)
YUV	195.8630, -32.4705, 8.0131
Hunter-Lab	76.0109, -13.7255, 30.1240

Details

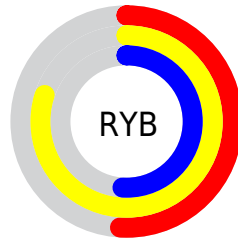
The RGB color **205, 204, 130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **130, 131, 205**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 255, 184**, and **150, 150, 79** is the 20% darker color. If you saturate the color by 10%, you get **205, 204, 110**, and if you desaturate by 10%, it is **205, 204, 151**.

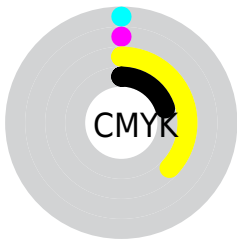
Distribution



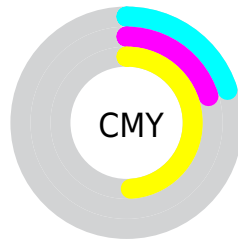
- Red (80%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 204, 130 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 205, 204, 130 by changing the saturation by 10% instead.

 205, 204, 130


255, 255, 255

 255, 255, 184


 255, 255, 212

 255, 255, 240

 205, 204, 130

 177, 177, 104

 150, 150, 79

 123, 124, 55

 97, 99, 31

 72, 76, 5

 49, 53, 0

 24, 32, 0

 0, 4, 0


 0, 0, 0

 205, 204, 130

 205, 204, 130

 205, 204, 110

 205, 204, 151

 205, 203, 89


 205, 205, 171

 205, 203, 69

 205, 205, 192

 205, 203, 48

 205, 205, 212

 205, 203, 27

 205, 205, 233

 205, 202, 7

 205, 206, 253

 205, 202, 0

 205, 206, 255

 205, 206, 255

 205, 206, 255

Harmonies

Analogous

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



239, 192, 130



205, 204, 130



164, 213, 149

Triad

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



205, 204, 130



76, 216, 251



255, 174, 218

Complementary

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



205, 204, 130



130, 131, 205

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.



229, 184, 250



205, 204, 130



123, 209, 255

Square

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



205, 204, 130



80, 220, 219



180, 197, 255



255, 173, 182

Rectangle

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



205, 204, 130



135, 217, 170



180, 197, 255



252, 177, 230

Sweetspot

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



205, 204, 130



255, 255, 227



205, 130, 131



128, 127, 111



0, 0, 0



128, 128, 128

Same Dimension

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



205, 204, 130



255, 254, 143



169, 205, 130



102, 102, 92



166, 164, 0



38, 38, 0

Inverse Universe

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



130, 131, 205



143, 144, 255



166, 130, 205



92, 92, 102



0, 2, 166



0, 1, 38

Previews

White Background



This preview shows how the RGB color 205, 204, 130 looks on a white background.

Color Contrast Check

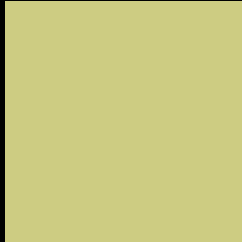
Large Text (above 18pt) WCAG AA × Fail

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 205, 204, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

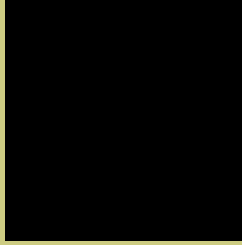
Any Text WCAG AA ✓ Pass

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 205, 204, 130 Background



This preview shows how black text looks on a background with the RGB color 205, 204, 130.

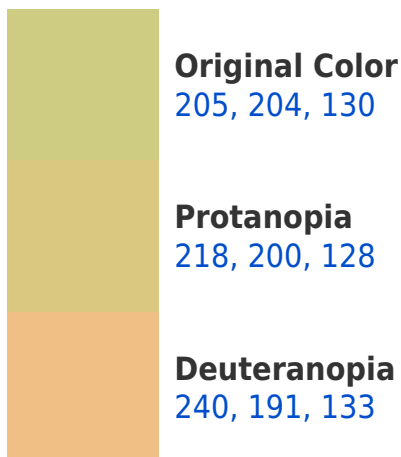



This preview shows how white text looks on a background with the RGB color 205, 204, 130.

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](#).

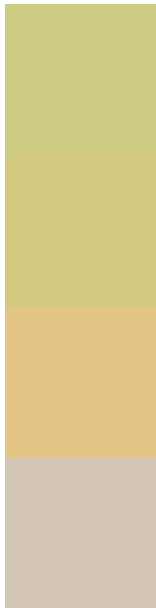
Dichromacy





Tritanopia
214, 194, 210

Trichromacy



Original Color
205, 204, 130

Protanomaly
213, 201, 129

Deuteranomaly
227, 196, 132

Tritanomaly
211, 198, 181

Monochromacy



Original Color
205, 204, 130

Achromatopsia
196, 196, 196

Achromatomaly
199, 199, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 204, 130 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(205, 204, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 130)  
}
```

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(205, 204, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 130) }
```

Border

The CSS property to change the border of an element to RGB 205, 204, 130 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(205, 204, 130) }
```

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

```
.border{ border-color:rgb(205, 204, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 205, 204, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 130) }
```

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

```
.background{ background-color: rgb(205,  
204, 130) }
```

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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