

Converting Colors

RGB(204, 205, 145)

Have a look what the booklet for
RGB(204, 205, 145) contains.

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Color

RGB(204, 205, 145)

Conversions

Conversions Part 1

Format	Color
Hex	CCCD91
RGB	204, 205, 145
RGB Percent	80%, 80%, 57%
CMY	0.2000, 0.1961, 0.4314
CMYK	0.00, 0.00, 0.29, 0.20
HSL	61°, 38%, 69%
HSV	61°, 29%, 80%
XYZ	51.8440, 58.5443, 35.3558
YIQ	197.8610, 18.6640, -18.8720

Conversions

Conversions Part 2

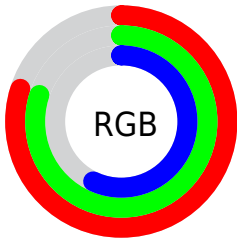
Format	Color
RYB	145, 205, 146
Decimal	13421969
CIELab	81.04, -9.75, 29.84
CIELCh	81, 31.397, 108.089
Yxy	58.5443, 0.3557, 0.4017
Android (android.graphics.Color)	4291612049 (0xFFCCCD91)
YUV	197.8610, -26.0605, 5.3839
Hunter-Lab	76.5143, -12.9532, 26.1632

Details

The RGB color **204, 205, 145** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **146, 145, 205**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 255, 199**, and **149, 151, 94** is the 20% darker color. If you saturate the color by 10%, you get **204, 205, 124**, and if you desaturate by 10%, it is **204, 205, 166**.

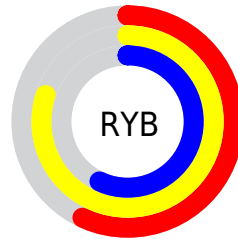
Distribution



Red (80%)

Green (80%)

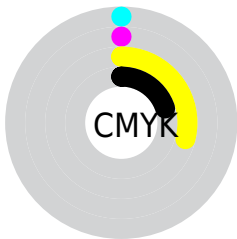
Blue (57%)



Red (57%)

Yellow (80%)

Blue (57%)

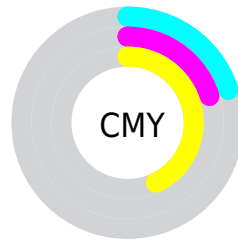


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 205, 145 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 204, 205, 145 by changing the saturation by 10% instead.


 204, 205, 145

255, 255, 255


 255, 255, 199

 255, 255, 228

 204, 205, 145

 176, 178, 119

 149, 151, 94

 123, 125, 70

 97, 100, 46

 72, 76, 23

 49, 54, 0

 26, 32, 0

 0, 7, 0

 0, 0, 0

 204, 205, 145


 204, 205, 145

 204, 205, 124


 204, 205, 166

 203, 205, 104


 205, 205, 186

 203, 205, 83


 205, 205, 207

 203, 205, 63

 205, 205, 227

 202, 205, 42

 206, 205, 248

 202, 205, 22

 206, 205, 255

 202, 205, 1

 206, 205, 255

 202, 205, 0

 207, 205, 255

 207, 205, 255

Harmonies

Analogous

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



233, 195, 144



204, 205, 145



171, 213, 161

Triad

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



204, 205, 145



116, 214, 244



252, 181, 214

Complementary

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



204, 205, 145



146, 145, 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.



227, 188, 241



204, 205, 145



147, 208, 255

Square

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



204, 205, 145



114, 218, 218



190, 198, 255



255, 180, 184

Rectangle

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



204, 205, 145



148, 216, 178



190, 198, 255



246, 183, 224

Sweetspot

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



204, 205, 145



255, 255, 232



205, 146, 145



127, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



204, 205, 145



254, 255, 166



174, 205, 145



102, 102, 92



163, 166, 0



38, 38, 0

Inverse Universe

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



146, 145, 205



167, 166, 255



176, 145, 205



92, 92, 102



3, 0, 166



1, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 205, 145 looks on a white background.

Color Contrast Check

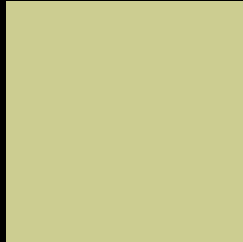
Large Text (above 18pt) WCAG AA × Fail

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 204, 205, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

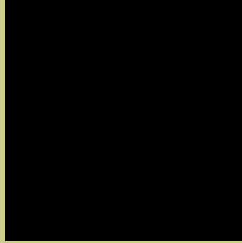
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

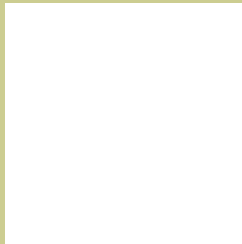
Any Text WCAG AAA ✓ Pass

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

RGB 204, 205, 145 Background



This preview shows how black text looks on a background with the RGB color 204, 205, 145.

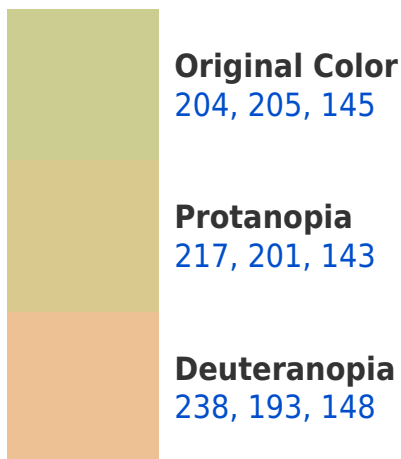


This preview shows how white text looks on a background with the RGB color 204, 205, 145.

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](#).

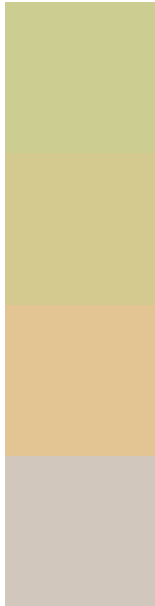
Dichromacy





Tritanopia
212, 196, 212

Trichromacy



Original Color
204, 205, 145

Protanomaly
212, 202, 144

Deuteranomaly
226, 197, 147

Tritanomaly
209, 199, 188

Monochromacy



Original Color
204, 205, 145

Achromatopsia
198, 198, 198

Achromatomaly
200, 201, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 205, 145 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(204, 205, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 145)  
}
```

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(204, 205, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 145) }
```

Border

The CSS property to change the border of an element to RGB 204, 205, 145 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(204, 205, 145) }
```

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

```
.border{ border-color:rgb(204, 205, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 205, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 205, 145); box-shadow:4px 4px 4px 4px rgb(204, 205, 145) }
```

Background

The CSS property to change the background color of an element to RGB 204, 205, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 145) }
```

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

```
.background{ background-color: rgb(204,  
205, 145) }
```

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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