

Converting Colors

RGB(204, 205, 165)

Have a look what the booklet for
RGB(204, 205, 165) contains.

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Color

RGB(204, 205, 165)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCA5
RGB	204, 205, 165
RGB Percent	80%, 80%, 65%
CMY	0.2000, 0.1961, 0.3529
CMYK	0.00, 0.00, 0.20, 0.20
HSL	61°, 29%, 73%
HSV	61°, 20%, 80%
XYZ	53.5247, 59.2166, 44.2062
YIQ	200.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

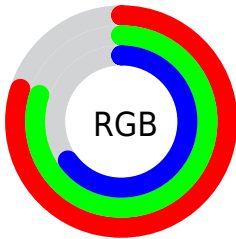
Format	Color
RYB	165, 205, 166
Decimal	13421989
CIELab	81.41, -6.98, 19.86
CIELCh	81, 21.045, 109.358
Yxy	59.2166, 0.3410, 0.3773
Android (android.graphics.Color)	4291612069 (0xFFCCDA5)
YUV	200.1410, -17.3245, 3.3843
Hunter-Lab	76.9523, -10.5098, 19.8068

Details

The RGB color **204, 205, 165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 165, 205**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 255, 220**, and **150, 151, 113** is the 20% darker color. If you saturate the color by 10%, you get **203, 205, 145**, and if you desaturate by 10%, it is **205, 205, 186**.

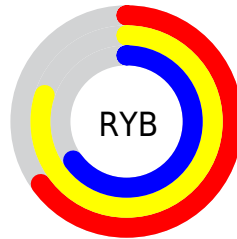
Distribution



Red (80%)

Green (80%)

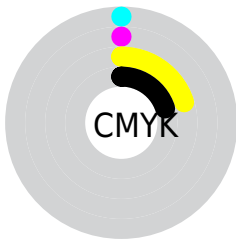
Blue (65%)



Red (65%)

Yellow (80%)

Blue (65%)

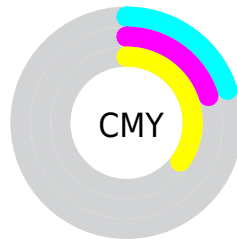


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 205, 165 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, 165 by changing the saturation by 10% instead.


 204, 205, 165


255, 255, 255


 255, 255, 220

 255, 255, 249

 204, 205, 165


 176, 178, 139


 150, 151, 113

 123, 125, 88

 98, 100, 65

 74, 76, 42

 51, 54, 21

 31, 32, 0

 0, 10, 0

 0, 0, 0

 204, 205, 165

 204, 205, 165

 203, 205, 145


 205, 205, 186

 203, 205, 124


 205, 205, 206

 202, 205, 104


 206, 205, 227

 202, 205, 83

 206, 205, 247

 201, 205, 62

 207, 205, 255

 201, 205, 42

 207, 205, 255

 200, 205, 21

 208, 205, 255

 200, 205, 1

 208, 205, 255

 200, 205, 0

 209, 205, 255

Harmonies

Analogous

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



224, 199, 164



204, 205, 165



181, 210, 176

Triad

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



204, 205, 165



153, 211, 231



238, 189, 210

Complementary

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



204, 205, 165



166, 165, 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.



221, 193, 228



204, 205, 165



171, 206, 240

Square

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



204, 205, 165



150, 214, 215



197, 200, 239



244, 189, 190

Rectangle

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



204, 205, 165



167, 213, 188



197, 200, 239



233, 190, 217

Sweetspot

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



204, 205, 165



255, 255, 240



205, 166, 165



127, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



204, 205, 165



254, 255, 196



184, 205, 165



102, 102, 92



162, 166, 0



37, 38, 0

Inverse Universe

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



166, 165, 205



198, 196, 255



186, 165, 205



92, 92, 102



4, 0, 166



1, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 205, 165 looks on a white background.

Color Contrast Check

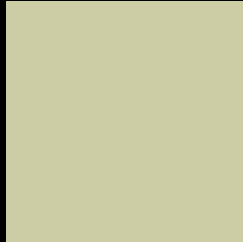
Large Text (above 18pt) WCAG AA × Fail

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, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

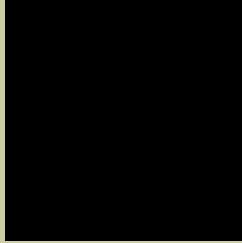
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

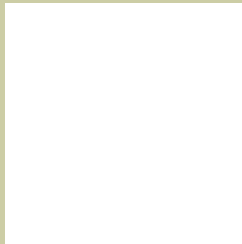
Any Text WCAG AAA ✓ Pass

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

RGB 204, 205, 165 Background



This preview shows how black text looks on a background with the RGB color 204, 205, 165.



This preview shows how white text looks on a background with the RGB color 204, 205, 165.

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
204, 205, 165

Protanopia
214, 202, 163

Deuteranopia
234, 194, 167



Tritanopia
211, 198, 214

Trichromacy



Original Color
204, 205, 165

Protanomaly
210, 203, 164

Deuteranomaly
223, 198, 166

Tritanomaly
208, 201, 196

Monochromacy



Original Color
204, 205, 165

Achromatopsia
200, 200, 200

Achromatomaly
201, 202, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 205, 165 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 165) }
```

Border

The CSS property to change the border of an element to RGB 204, 205, 165 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, 165) }
```

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

```
.border{ border-color:rgb(204, 205, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 205, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 205, 165); box-shadow:4px 4px 4px 4px rgb(204, 205, 165) }
```

Background

The CSS property to change the background color of an element to RGB 204, 205, 165 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, 165) }
```

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

```
.background{ background-color: rgb(204,  
205, 165) }
```

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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