

Converting Colors

RGB(205, 209, 174)

Have a look what the booklet for
RGB(205, 209, 174) contains.

RGB(205, 209, 174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(205, 209, 174)

Conversions

Conversions Part 1

Format	Color
Hex	CDD1AE
RGB	205, 209, 174
RGB Percent	80%, 82%, 68%
CMY	0.1961, 0.1804, 0.3176
CMYK	0.02, 0.00, 0.17, 0.18
HSL	67°, 28%, 75%
HSV	67°, 17%, 82%
XYZ	55.6173, 61.6361, 49.0100
YIQ	203.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

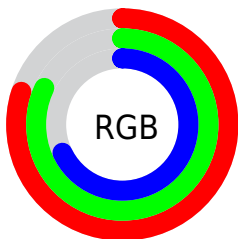
Format	Color
RYB	174, 209, 178
Decimal	13488558
CIELab	82.72, -7.31, 16.93
CIELCh	83, 18.440, 113.340
Yxy	61.6361, 0.3345, 0.3707
Android (android.graphics.Color)	4291678638 (0xFFCDD1AE)
YUV	203.8140, -14.6983, 1.0401
Hunter-Lab	78.5086, -10.9367, 17.9435

Details

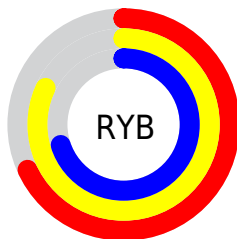
The RGB color **205, 209, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 174, 209**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 230**, and **151, 155, 122** is the 20% darker color. If you saturate the color by 10%, you get **203, 209, 153**, and if you desaturate by 10%, it is **207, 209, 195**.

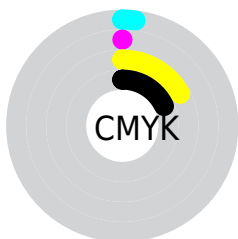
Distribution



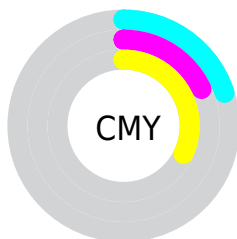
- Red (80%)
- Green (82%)
- Blue (68%)



- Red (68%)
- Yellow (82%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 209, 174 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, 209, 174 by changing the saturation by 10% instead.

■ 205, 209, 174

255, 255, 255

■ 255, 255, 230

■ 205, 209, 174

■ 177, 181, 147

■ 151, 155, 122

■ 125, 129, 97

■ 99, 104, 73

■ 75, 80, 50

■ 52, 57, 28

■ 31, 35, 4

■ 0, 15, 0

■ 0, 0, 0

 205, 209, 174

 205, 209, 174

 203, 209, 153


 207, 209, 195

 200, 209, 132


 210, 209, 216

 198, 209, 111


 212, 209, 237

 195, 209, 90

 215, 209, 255

 193, 209, 70

 217, 209, 255

 191, 209, 49

 219, 209, 255

 188, 209, 28

 222, 209, 255

 186, 209, 7

 224, 209, 255

 185, 209, 0

 226, 209, 255

Harmonies

Analogous

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



224, 203, 172



205, 209, 174



185, 213, 185

Triad

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



205, 209, 174



165, 213, 233



239, 194, 210

Complementary

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



205, 209, 174



178, 174, 209

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.



225, 197, 227



205, 209, 174



182, 209, 240

Square

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



205, 209, 174



160, 216, 219



204, 203, 238



243, 194, 193

Rectangle

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



205, 209, 174



173, 215, 195



204, 203, 238



235, 195, 216

Sweetspot

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



205, 209, 174



254, 255, 242



209, 178, 174



127, 128, 120



0, 0, 0



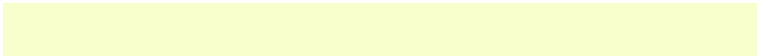
128, 128, 128

Same Dimension

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



205, 209, 174



249, 255, 204



188, 209, 174



103, 105, 94



149, 168, 0



36, 41, 0

Inverse Universe

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



178, 174, 209



210, 204, 255



195, 174, 209



95, 94, 105



19, 0, 168



5, 0, 41

Previews

White Background



This preview shows how the RGB color 205, 209, 174 looks on a white background.

Color Contrast Check

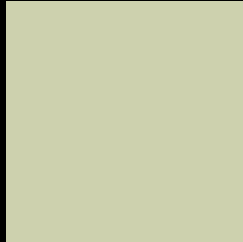
Large Text (above 18pt) WCAG AA × Fail

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, 209, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

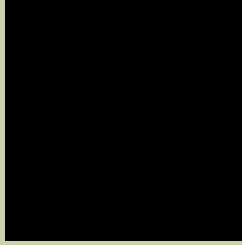
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

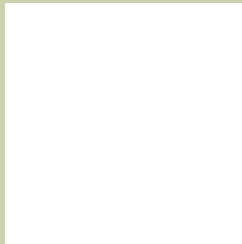
Any Text WCAG AAA ✓ Pass

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

RGB 205, 209, 174 Background



This preview shows how black text looks on a background with the RGB color 205, 209, 174.

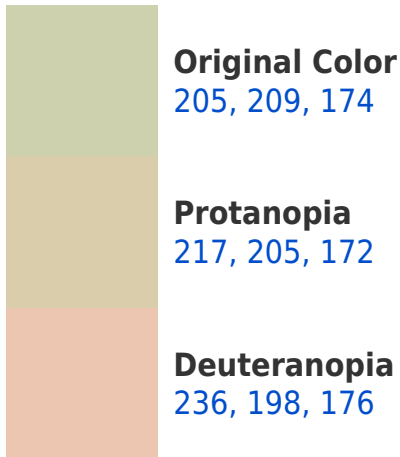


This preview shows how white text looks on a background with the RGB color 205, 209, 174.

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

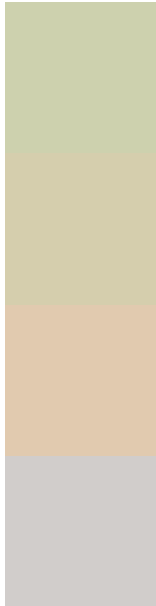




Tritanopia

211, 203, 219

Trichromacy



Original Color

205, 209, 174

Protanomaly

213, 206, 173

Deuteranomaly

225, 202, 175

Tritanomaly

209, 205, 203

Monochromacy



Original Color

205, 209, 174

Achromatopsia

204, 204, 204

Achromatomaly

204, 206, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 209, 174 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, 209, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 174)  
}
```

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, 209, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 174) }
```

Border

The CSS property to change the border of an element to RGB 205, 209, 174 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, 209, 174) }
```

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

```
.border{ border-color:rgb(205, 209, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 205, 209, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 174) }
```

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

```
.background{ background-color: rgb(205,  
209, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor