

Converting Colors

RGB(209, 213, 204)

Have a look what the booklet for
RGB(209, 213, 204) contains.

RGB(209, 213, 204)	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(209, 213, 204)

Conversions

Conversions Part 1

Format	Color
Hex	D1D5CC
RGB	209, 213, 204
RGB Percent	82%, 84%, 80%
CMY	0.1804, 0.1647, 0.2000
CMYK	0.02, 0.00, 0.04, 0.16
HSL	87°, 10%, 82%
HSV	87°, 4%, 84%
XYZ	60.9878, 65.5034, 66.5558
YIQ	210.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

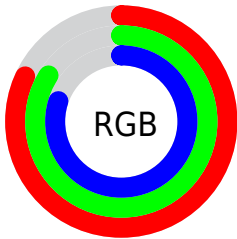
Format	Color
RYB	204, 213, 208
Decimal	13751756
CIELab	84.74, -2.98, 3.96
CIELCh	85, 4.953, 126.932
Yxy	65.5034, 0.3159, 0.3393
Android (android.graphics.Color)	4291941836 (0xFFD1D5CC)
YUV	210.7780, -3.3416, -1.5593
Hunter-Lab	80.9342, -7.1265, 7.8972

Details

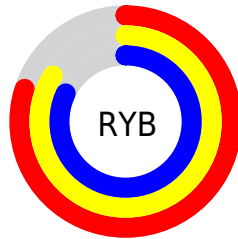
The RGB color **209, 213, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 204, 213**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **155, 158, 150** is the 20% darker color. If you saturate the color by 10%, you get **200, 213, 183**, and if you desaturate by 10%, it is **218, 213, 225**.

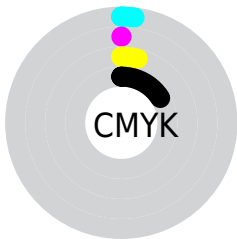
Distribution



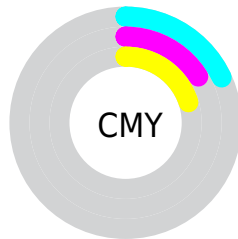
- Red (82%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 213, 204 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 209, 213, 204 by changing the saturation by 10% instead.

■ 209, 213, 204

255, 255, 255

■ 209, 213, 204

■ 181, 185, 177

■ 155, 158, 150

■ 129, 132, 124

■ 104, 107, 99

■ 80, 83, 75

■ 57, 60, 53

■ 35, 38, 32

■ 14, 18, 8

■ 0, 0, 0

■ 209, 213, 204

■ 209, 213, 204

■ 200, 213, 183

■ 218, 213, 225

■ 190, 213, 161

■ 228, 213, 247

■ 181, 213, 140

■ 237, 213, 255

■ 171, 213, 119

■ 247, 213, 255

■ 162, 213, 98

■ 255, 213, 255

■ 152, 213, 76

■ 143, 213, 55

■ 133, 213, 34

■ 124, 213, 12

Harmonies

Analogous

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



215, 212, 202



209, 213, 204



204, 214, 208

Triad

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



209, 213, 204



203, 213, 220



222, 208, 211

Complementary

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



209, 213, 204



208, 204, 213

Split Complementary

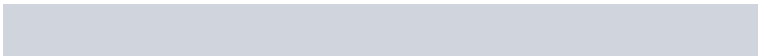
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 209, 215



209, 213, 204



208, 212, 221

Square

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



209, 213, 204



201, 214, 217



214, 210, 219



222, 209, 206

Rectangle

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



209, 213, 204



202, 214, 211



214, 210, 219



221, 209, 212

Sweetspot

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



209, 213, 204



254, 255, 252



213, 208, 204



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



209, 213, 204



249, 255, 242



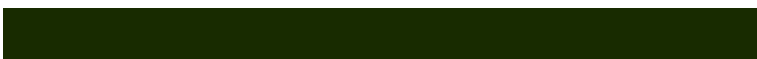
205, 213, 204



104, 107, 101



95, 171, 0



24, 43, 0

Inverse Universe

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



208, 204, 213



248, 242, 255



212, 204, 213



104, 101, 107



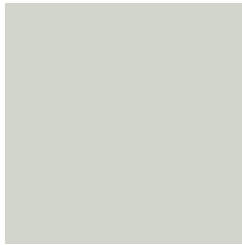
76, 0, 171



19, 0, 43

Previews

White Background



This preview shows how the RGB color 209, 213, 204 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 209, 213, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

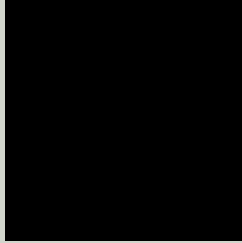
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

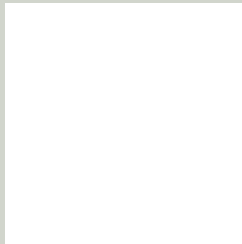
Any Text WCAG AAA ✓ Pass

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

RGB 209, 213, 204 Background



This preview shows how black text looks on a background with the RGB color 209, 213, 204.

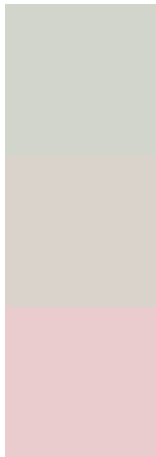


This preview shows how white text looks on a background with the RGB color 209, 213, 204.

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
209, 213, 204

Protanopia
217, 211, 203

Deuteranopia
234, 204, 206



Tritanopia
212, 210, 226

Trichromacy



Original Color

209, 213, 204

Protanomaly

214, 212, 203

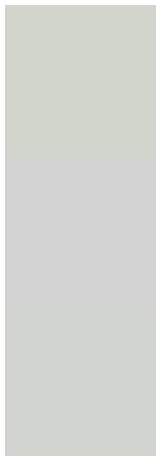
Deuteranomaly

225, 207, 205

Tritanomaly

211, 211, 218

Monochromacy



Original Color

209, 213, 204

Achromatopsia

211, 211, 211

Achromatomaly

210, 212, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 213, 204 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(209, 213, 204) looks like.

```
.text, #text, p{  
    color:rgb(209, 213, 204)  
}
```

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(209, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 213, 204) }
```

Border

The CSS property to change the border of an element to RGB 209, 213, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

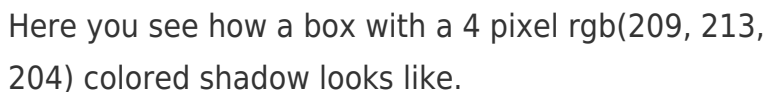
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 213, 204) }
```

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

```
.border{ border-color:rgb(209, 213, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 213, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 213, 204); box-shadow:4px 4px 4px 4px rgb(209, 213, 204) }
```

Background

The CSS property to change the background color of an element to RGB 209, 213, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 213, 204) }
```

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

```
.background{ background-color: rgb(209,  
213, 204) }
```

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