

Converting Colors

RGB(220, 209, 207)

Have a look what the booklet for
RGB(220, 209, 207) contains.

RGB(220, 209, 207)	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(220, 209, 207)

Conversions

Conversions Part 1

Format	Color
Hex	DCD1CF
RGB	220, 209, 207
RGB Percent	86%, 82%, 81%
CMY	0.1373, 0.1804, 0.1882
CMYK	0.00, 0.05, 0.06, 0.14
HSL	9°, 16%, 84%
HSV	9°, 6%, 86%
XYZ	63.5781, 65.3216, 68.2889
YIQ	212.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

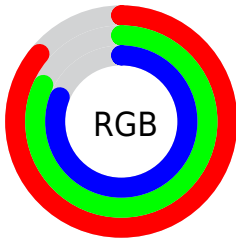
Format	Color
RYP	220, 209, 207
Decimal	14471631
CIELab	84.65, 3.45, 2.34
CIElCh	85, 4.165, 34.134
Yxy	65.3216, 0.3224, 0.3313
Android (android.graphics.Color)	4292661711 (0xFFDCD1CF)
YUV	212.0610, -2.4951, 6.9625
Hunter-Lab	80.8218, -1.0217, 6.4792

Details

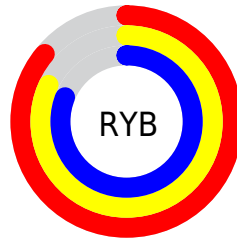
The RGB color **220, 209, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 218, 220**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **165, 155, 153** is the 20% darker color. If you saturate the color by 10%, you get **220, 190, 185**, and if you desaturate by 10%, it is **220, 228, 229**.

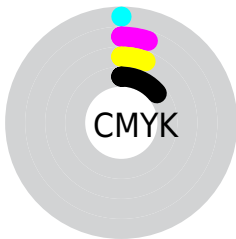
Distribution



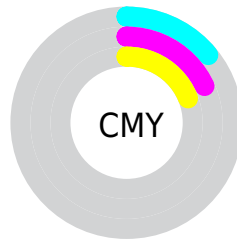
- Red (86%)
- Green (82%)
- Blue (81%)



- Red (86%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 209, 207 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 220, 209, 207 by changing the saturation by 10% instead.

■ 220, 209, 207

255, 255, 255

■ 220, 209, 207

■ 192, 181, 179

■ 165, 155, 153

■ 139, 129, 127

■ 113, 104, 102

■ 89, 80, 78

■ 65, 57, 55


■ 43, 35, 34

■ 23, 14, 11


■ 0, 0, 0

 220, 209, 207


 220, 209, 207

 220, 190, 185


 220, 228, 229


 220, 172, 163

 220, 246, 251

 220, 153, 141


 220, 255, 255

 220, 135, 119

 220, 116, 97

 220, 97, 75

 220, 79, 53

 220, 60, 31

 220, 41, 9

Harmonies

Analogous

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



220, 209, 211



220, 209, 207



218, 210, 204

Triad

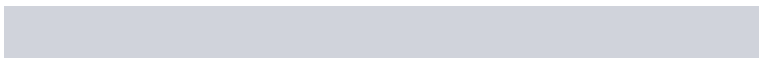
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 209, 207



205, 213, 208



208, 211, 219

Complementary

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



220, 209, 207



207, 218, 220

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.



204, 213, 218



220, 209, 207



203, 214, 212

Square

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



220, 209, 207



210, 212, 205



202, 213, 215



213, 210, 218

Rectangle

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



220, 209, 207



216, 211, 204



202, 213, 215



207, 212, 219

Sweetspot

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



220, 209, 207



255, 251, 250



220, 207, 218



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

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



220, 209, 207



255, 240, 237



220, 215, 207



110, 102, 101



173, 27, 0



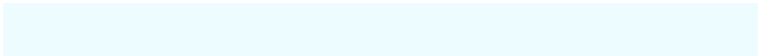
46, 7, 0

Inverse Universe

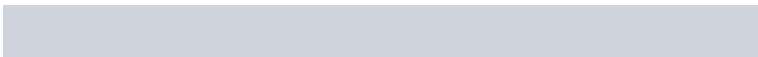
The Inverse Universe completely reimagines the original color for something new.



207, 218, 220



237, 252, 255



207, 212, 220



101, 108, 110



0, 147, 173



0, 39, 46

Previews

White Background



This preview shows how the RGB color 220, 209, 207 looks on a white background.

Color Contrast Check

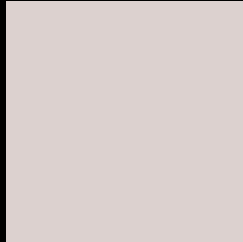
Large Text (above 18pt) WCAG AA × Fail

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 220, 209, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

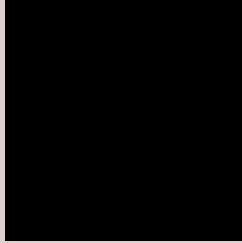
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

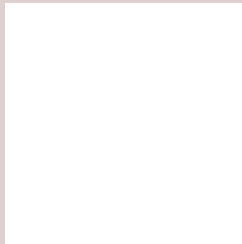
Any Text WCAG AAA ✓ Pass

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

RGB 220, 209, 207 Background



This preview shows how black text looks on a background with the RGB color 220, 209, 207.



This preview shows how white text looks on a background with the RGB color 220, 209, 207.

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
220, 209, 207

Protanopia
216, 210, 208

Deuteranopia
233, 204, 208



Tritanopia
222, 207, 223

Trichromacy



Original Color

220, 209, 207

Protanomaly

217, 210, 208

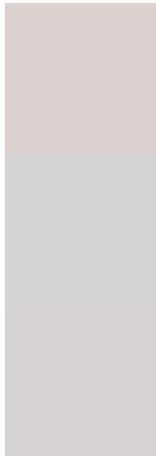
Deuteranomaly

228, 206, 208

Tritanomaly

221, 208, 217

Monochromacy



Original Color

220, 209, 207

Achromatopsia

212, 212, 212

Achromatomaly

215, 211, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 209, 207 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(220, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 207)  
}
```

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(220, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 207) }
```

Border

The CSS property to change the border of an element to RGB 220, 209, 207 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(220, 209, 207) }
```

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

```
.border{ border-color:rgb(220, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 209, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 209, 207); box-shadow:4px 4px 4px 4px rgb(220, 209, 207) }
```

Background

The CSS property to change the background color of an element to RGB 220, 209, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 207) }
```

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

```
.background{ background-color: rgb(220,  
209, 207) }
```

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