

Converting Colors

RGB(215, 209, 196)

Have a look what the booklet for
RGB(215, 209, 196) contains.

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Color

RGB(215, 209, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1C4
RGB	215, 209, 196
RGB Percent	84%, 82%, 77%
CMY	0.1569, 0.1804, 0.2314
CMYK	0.00, 0.03, 0.09, 0.16
HSL	41°, 19%, 81%
HSV	41°, 9%, 84%
XYZ	60.7886, 64.0335, 61.3804
YIQ	209.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

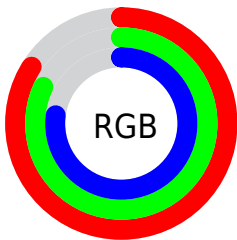
Format	Color
R_{YB}	205, 215, 196
Decimal	14143940
CIE Lab	83.98, -0.17, 7.17
CIE LCh	84, 7.171, 91.384
Yxy	64.0335, 0.3265, 0.3439
Android (android.graphics.Color)	4292334020 (0xFFD7D1C4)
YUV	209.3120, -6.5628, 4.9884
Hunter-Lab	80.0209, -4.4376, 10.5361

Details

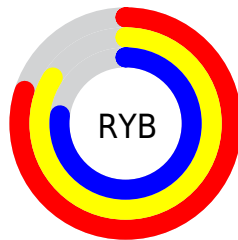
The RGB color **215, 209, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 202, 215**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 253**, and **160, 155, 142** is the 20% darker color. If you saturate the color by 10%, you get **215, 202, 175**, and if you desaturate by 10%, it is **215, 216, 218**.

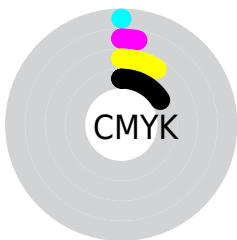
Distribution



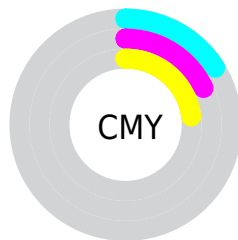
- Red (84%)
- Green (82%)
- Blue (77%)



- Red (80%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 209, 196 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 215, 209, 196 by changing the saturation by 10% instead.

■ 215, 209, 196

255, 255, 255

255, 255, 253

■ 215, 209, 196

■ 187, 181, 169

■ 160, 155, 142

■ 134, 129, 117

■ 109, 104, 92

■ 84, 80, 69

■ 61, 57, 46

■ 39, 35, 26

■ 19, 14, 0


■ 0, 0, 0

 215, 209, 196

 215, 209, 196

 215, 202, 175


 215, 216, 218

 215, 195, 153


 215, 223, 239

 215, 189, 132


 215, 229, 255

 215, 182, 110

 215, 236, 255

 215, 175, 89


 215, 243, 255


 215, 168, 67

 215, 250, 255

 215, 161, 46

 215, 255, 255

 215, 155, 24

 215, 148, 3

Harmonies

Analogous

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



221, 207, 198



215, 209, 196



207, 211, 198

Triad

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



215, 209, 196



193, 213, 216



219, 206, 216

Complementary

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



215, 209, 196



196, 202, 215

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.



211, 208, 221



215, 209, 196



196, 212, 221

Square

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



215, 209, 196



194, 214, 209



203, 210, 223



223, 205, 209

Rectangle

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



215, 209, 196



202, 212, 201



203, 210, 223



217, 206, 218

Sweetspot

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



215, 209, 196



255, 253, 247



215, 196, 202



128, 126, 122



0, 0, 0



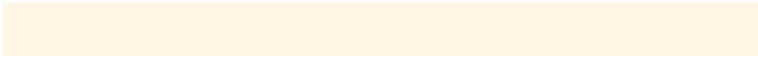
128, 128, 128

Same Dimension

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



215, 209, 196



255, 246, 227



212, 215, 196



107, 104, 96



171, 117, 0



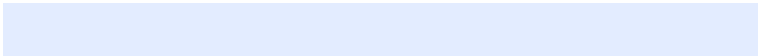
43, 30, 0

Inverse Universe

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



196, 202, 215



227, 236, 255



199, 196, 215



96, 100, 107



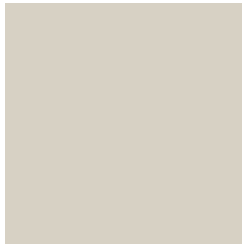
0, 54, 171



0, 14, 43

Previews

White Background



This preview shows how the RGB color 215, 209, 196 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 215, 209, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

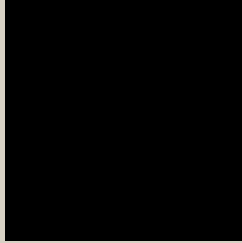
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

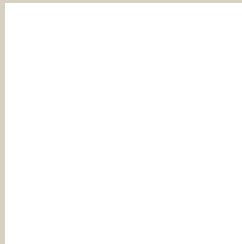
Any Text WCAG AAA ✓ Pass

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

RGB 215, 209, 196 Background



This preview shows how black text looks on a background with the RGB color 215, 209, 196.

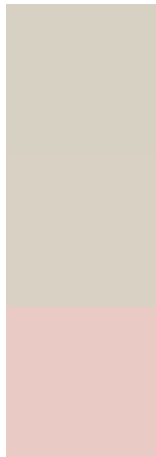


This preview shows how white text looks on a background with the RGB color 215, 209, 196.

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
215, 209, 196

Protanopia
216, 209, 196

Deuteranopia
234, 202, 197



Tritanopia
219, 205, 221

Trichromacy



Original Color

215, 209, 196

Protanomaly

216, 209, 196

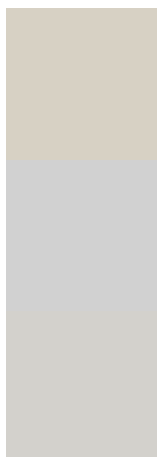
Deuteranomaly

227, 205, 197

Tritanomaly

218, 206, 212

Monochromacy



Original Color

215, 209, 196

Achromatopsia

209, 209, 209

Achromatomaly

211, 209, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 209, 196 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(215, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 196)  
}
```

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(215, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 196) }
```

Border

The CSS property to change the border of an element to RGB 215, 209, 196 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(215, 209, 196) }
```

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

```
.border{ border-color:rgb(215, 209, 196) }
```

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

Here you see how a box with a 4 pixel rgb(215, 209, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 215, 209, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 209, 196) }
```

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

```
.background{ background-color: rgb(215,  
209, 196) }
```

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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