

Converting Colors

RGB(226, 206, 196)

Have a look what the booklet for
RGB(226, 206, 196) contains.

RGB(226, 206, 196)	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(226, 206, 196)

Conversions

Conversions Part 1

Format	Color
Hex	E2CEC4
RGB	226, 206, 196
RGB Percent	89%, 81%, 77%
CMY	0.1137, 0.1922, 0.2314
CMYK	0.00, 0.09, 0.13, 0.11
HSL	20°, 34%, 83%
HSV	20°, 13%, 89%
XYZ	63.3991, 64.2969, 61.2936
YIQ	210.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

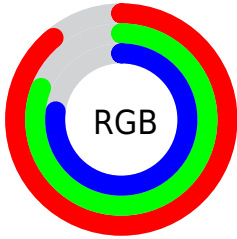
Format	Color
R _Y B	226, 211, 196
Decimal	14864068
CIE Lab	84.12, 5.32, 7.48
CIE LCh	84, 9.179, 54.601
Yxy	64.2969, 0.3355, 0.3402
Android (android.graphics.Color)	4293054148 (0xFFE2CEC4)
YUV	210.8400, -7.3161, 13.2953
Hunter-Lab	80.1853, 0.8080, 10.8085

Details

The RGB color **226, 206, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 216, 226**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 253, and **171, 152, 142** is the 20% darker color. If you saturate the color by 10%, you get **226, 191, 173**, and if you desaturate by 10%, it is **226, 221, 219**.

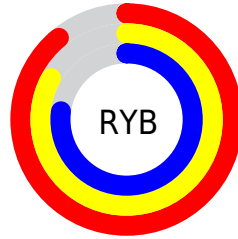
Distribution



Red (89%)

Green (81%)

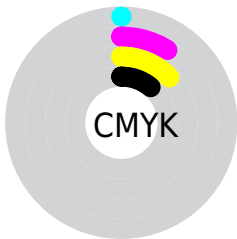
Blue (77%)



Red (89%)

Yellow (83%)

Blue (77%)

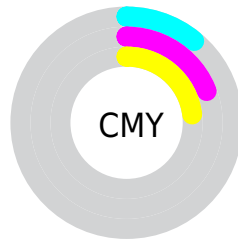


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 206, 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 226, 206, 196 by changing the saturation by 10% instead.

 226, 206, 196


255, 255, 255


255, 255, 253


 226, 206, 196

 198, 179, 169

 171, 152, 142

 144, 126, 117

 118, 101, 92

 93, 77, 69

 69, 54, 46

 47, 33, 26

 27, 10, 0

 0, 0, 0

226, 206, 196

226, 206, 196

226, 191, 173

226, 221, 219

226, 176, 151

226, 236, 241

226, 161, 128

226, 251, 255

226, 146, 106

226, 255, 255

226, 131, 83

226, 116, 60

226, 101, 38

226, 85, 15

226, 75, 0

Harmonies

Analogous

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



229, 204, 203



226, 206, 196



219, 209, 193

Triad

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



226, 206, 196



192, 215, 208



210, 208, 225

Complementary

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



226, 206, 196



196, 216, 226

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.



199, 211, 227



226, 206, 196



189, 215, 217

Square

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



226, 206, 196



199, 214, 200



191, 213, 224



220, 206, 220

Rectangle

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



226, 206, 196



213, 211, 193



191, 213, 224



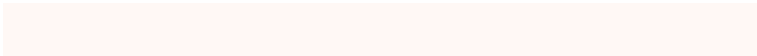
206, 209, 226

Sweetspot

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



226, 206, 196



255, 248, 245



226, 196, 216



128, 123, 121



0, 0, 0



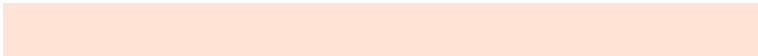
128, 128, 128

Same Dimension

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



226, 206, 196



255, 228, 214



226, 221, 196



112, 105, 101



176, 59, 0



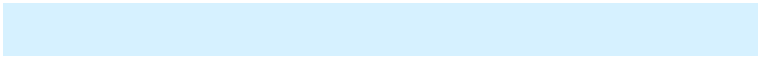
48, 16, 0

Inverse Universe

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



196, 216, 226



214, 241, 255



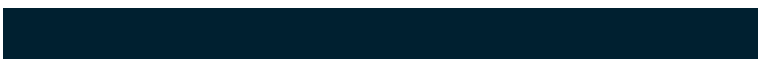
196, 201, 226



101, 108, 112



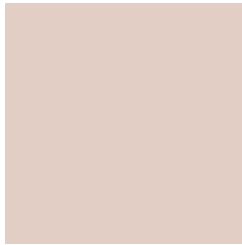
0, 117, 176



0, 32, 48

Previews

White Background



This preview shows how the RGB color 226, 206, 196 looks on a white background.

Color Contrast Check

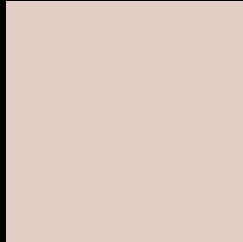
Large Text (above 18pt) WCAG AA × Fail

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 226, 206, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

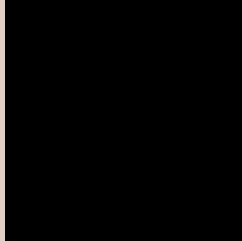
Any Text WCAG AA ✓ Pass

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 226, 206, 196 Background



This preview shows how black text looks on a background with the RGB color 226, 206, 196.



This preview shows how white text looks on a background with the RGB color 226, 206, 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

226, 206, 196

Protanopia

217, 209, 198

Deuteranopia

235, 203, 197



Tritanopia
229, 203, 218

Trichromacy



Original Color

226, 206, 196

Protanomaly

220, 208, 197

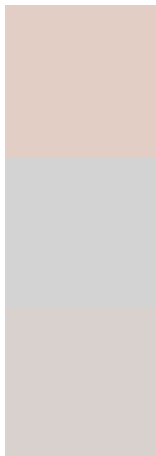
Deuteranomaly

232, 204, 197

Tritanomaly

228, 204, 210

Monochromacy



Original Color

226, 206, 196

Achromatopsia

211, 211, 211

Achromatomaly

216, 209, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 206, 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(226, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 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(226, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 196) }
```

Border

The CSS property to change the border of an element to RGB 226, 206, 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(226, 206, 196) }
```

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

```
.border{ border-color:rgb(226, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(226, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 206,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 226, 206, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 196) }
```

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

```
.background{ background-color: rgb(226,  
206, 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](#).

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