

Converting Colors

RGB(224, 211, 196)

Have a look what the booklet for
RGB(224, 211, 196) contains.

RGB(224, 211, 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(224, 211, 196)

Conversions

Conversions Part 1

Format	Color
Hex	E0D3C4
RGB	224, 211, 196
RGB Percent	88%, 83%, 77%
CMY	0.1216, 0.1725, 0.2314
CMYK	0.00, 0.06, 0.12, 0.12
HSL	32°, 31%, 82%
HSV	32°, 12%, 88%
XYZ	63.9985, 66.4213, 61.6721
YIQ	213.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

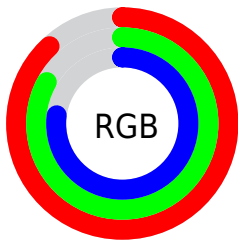
Format	Color
RYB	220, 224, 196
Decimal	14734276
CIELab	85.21, 1.99, 9.02
CIElCh	85, 9.240, 77.575
Yxy	66.4213, 0.3332, 0.3458
Android (android.graphics.Color)	4292924356 (0xFFE0D3C4)
YUV	213.1770, -8.4683, 9.4918
Hunter-Lab	81.4993, -2.4540, 12.1836

Details

The RGB color **224, 211, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 209, 224**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 253**, and **169, 157, 142** is the 20% darker color. If you saturate the color by 10%, you get **224, 201, 174**, and if you desaturate by 10%, it is **224, 221, 218**.

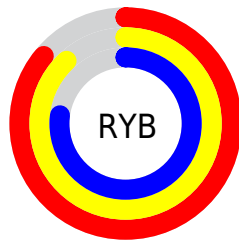
Distribution



Red (88%)

Green (83%)

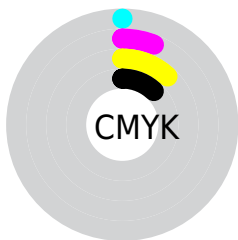
Blue (77%)



Red (86%)

Yellow (88%)

Blue (77%)

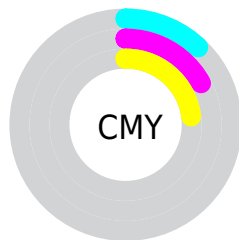


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 211, 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 224, 211, 196 by changing the saturation by 10% instead.

■ 224, 211, 196

255, 255, 255

255, 255, 253

■ 224, 211, 196

■ 196, 183, 169

■ 169, 157, 142

■ 142, 130, 117

■ 116, 105, 92

■ 92, 81, 69

■ 68, 58, 46

■ 45, 37, 26

■ 26, 16, 0


■ 0, 0, 0

 224, 211, 196

 224, 211, 196

 224, 201, 174


 224, 221, 218

 224, 190, 151


 224, 232, 241

 224, 180, 129


 224, 242, 255


 224, 169, 106


 224, 253, 255


 224, 159, 84

 224, 255, 255

 224, 149, 62

 224, 138, 39

 224, 128, 17

 224, 120, 0

Harmonies

Analogous

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



230, 209, 200



224, 211, 196



215, 214, 196

Triad

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



224, 211, 196



192, 218, 218



221, 209, 225

Complementary

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



224, 211, 196



196, 209, 224

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.



210, 212, 229



224, 211, 196



193, 217, 225

Square

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



224, 211, 196



196, 218, 209



200, 215, 230



229, 207, 217

Rectangle

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



224, 211, 196



208, 216, 199



200, 215, 230



217, 210, 227

Sweetspot

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



224, 211, 196



255, 250, 245



224, 196, 209



128, 125, 121



0, 0, 0



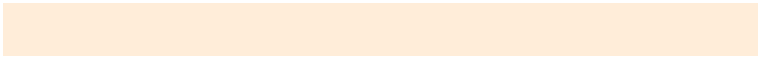
128, 128, 128

Same Dimension

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



224, 211, 196



255, 237, 217



223, 224, 196



112, 107, 101



176, 94, 0



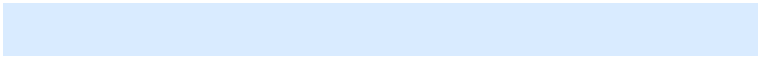
48, 26, 0

Inverse Universe

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



196, 209, 224



217, 235, 255



197, 196, 224



101, 106, 112



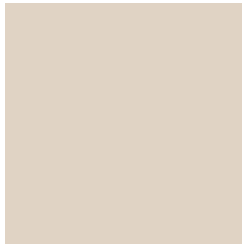
0, 82, 176



0, 22, 48

Previews

White Background



This preview shows how the RGB color 224, 211, 196 looks on a white background.

Color Contrast Check

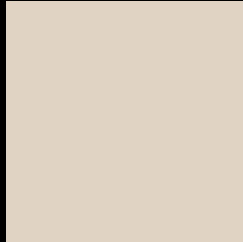
Large Text (above 18pt) WCAG AA × Fail

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 224, 211, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

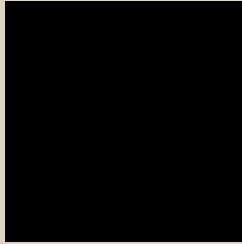
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

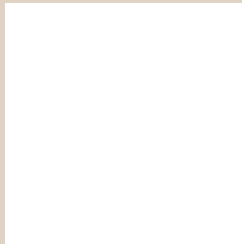
Any Text WCAG AAA ✓ Pass

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

RGB 224, 211, 196 Background



This preview shows how black text looks on a background with the RGB color 224, 211, 196.

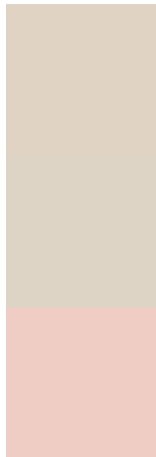


This preview shows how white text looks on a background with the RGB color 224, 211, 196.

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
224, 211, 196

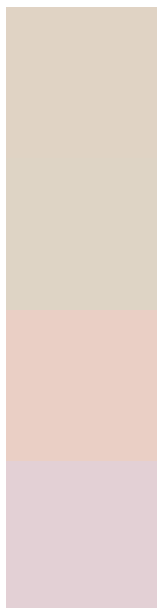
Protanopia
221, 212, 197

Deuteranopia
239, 205, 197



Tritanopia
228, 207, 223

Trichromacy



Original Color

224, 211, 196

Protanomaly

222, 212, 197

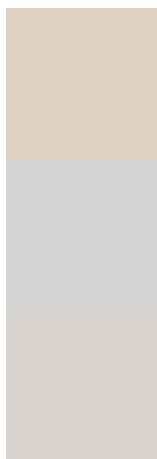
Deuteranomaly

234, 207, 197

Tritanomaly

227, 208, 213

Monochromacy



Original Color

224, 211, 196

Achromatopsia

213, 213, 213

Achromatomaly

217, 212, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 211, 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(224, 211, 196) looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 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(224, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 196) }
```

Border

The CSS property to change the border of an element to RGB 224, 211, 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(224, 211, 196) }
```

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

```
.border{ border-color:rgb(224, 211, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 224, 211, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 196) }
```

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

```
.background{ background-color: rgb(224,  
211, 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