

Converting Colors

RGB(224, 216, 198)

Have a look what the booklet for
RGB(224, 216, 198) contains.

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Color

RGB(224, 216, 198)

Conversions

Conversions Part 1

Format	Color
Hex	E0D8C6
RGB	224, 216, 198
RGB Percent	88%, 85%, 78%
CMY	0.1216, 0.1529, 0.2235
CMYK	0.00, 0.04, 0.12, 0.12
HSL	42°, 30%, 83%
HSV	42°, 12%, 88%
XYZ	65.4894, 69.0362, 63.2997
YIQ	216.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

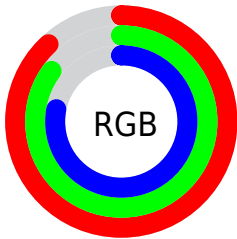
Format	Color
R_{YB}	210, 224, 198
Decimal	14735558
CIE _{Lab}	86.52, -0.29, 9.84
CIE _{LCh}	87, 9.845, 91.667
Yxy	69.0362, 0.3310, 0.3490
Android (android.graphics.Color)	4292925638 (0xFFE0D8C6)
YUV	216.3400, -9.0416, 6.7178
Hunter-Lab	83.0881, -4.7117, 12.9922

Details

The RGB color **224, 216, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 206, 224**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 161, 144** is the 20% darker color. If you saturate the color by 10%, you get **224, 209, 176**, and if you desaturate by 10%, it is **224, 223, 220**.

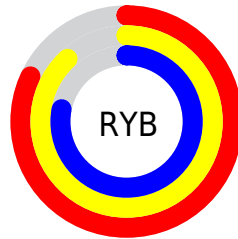
Distribution



Red (88%)

Green (85%)

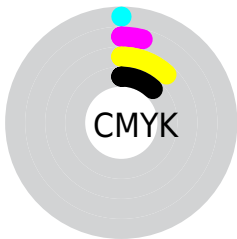
Blue (78%)



Red (82%)

Yellow (88%)

Blue (78%)

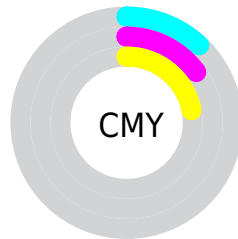


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 216, 198 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, 216, 198 by changing the saturation by 10% instead.

■ 224, 216, 198

255, 255, 255

255, 255, 255

■ 224, 216, 198

■ 196, 188, 171

■ 169, 161, 144

■ 142, 135, 119

■ 116, 110, 94

■ 92, 85, 70

■ 68, 62, 48

■ 46, 41, 27

■ 26, 20, 0

■ 0, 0, 0

 224, 216, 198

 224, 216, 198

 224, 209, 176


 224, 223, 220

 224, 202, 153


 224, 230, 243

 224, 195, 131

 224, 237, 255

 224, 188, 108


 224, 244, 255

 224, 182, 86


 224, 250, 255

 224, 175, 64

 224, 255, 255

 224, 168, 41

 224, 161, 19

 224, 155, 0

Harmonies

Analogous

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



233, 213, 200



224, 216, 198



213, 219, 201

Triad

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



224, 216, 198



194, 222, 226



230, 211, 226

Complementary

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



224, 216, 198



198, 206, 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.



219, 214, 232



224, 216, 198



198, 220, 233

Square

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



224, 216, 198



196, 222, 217



208, 217, 235



236, 210, 216

Rectangle

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



224, 216, 198



206, 221, 205



208, 217, 235



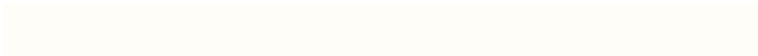
226, 212, 228

Sweetspot

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



224, 216, 198



255, 253, 247



224, 198, 206



128, 126, 122



0, 0, 0



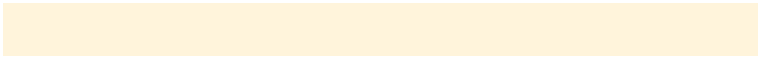
128, 128, 128

Same Dimension

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



224, 216, 198



255, 244, 219



219, 224, 198



112, 109, 101



176, 122, 0



48, 34, 0

Inverse Universe

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



198, 206, 224



219, 230, 255



203, 198, 224



101, 104, 112



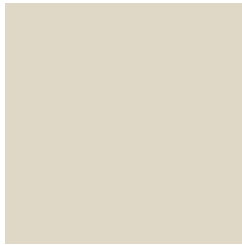
0, 54, 176



0, 15, 48

Previews

White Background



This preview shows how the RGB color 224, 216, 198 looks on a white background.

Color Contrast Check

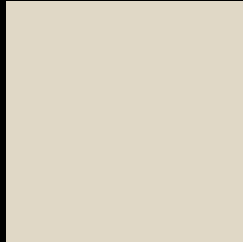
Large Text (above 18pt) WCAG AA × Fail

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, 216, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

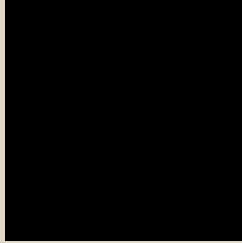
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

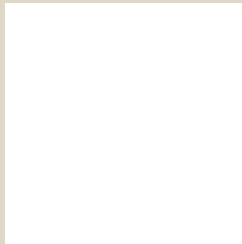
Any Text WCAG AAA ✓ Pass

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

RGB 224, 216, 198 Background



This preview shows how black text looks on a background with the RGB color 224, 216, 198.

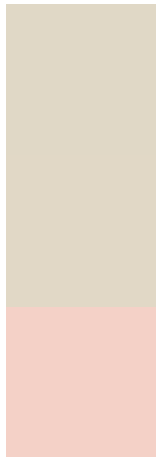


This preview shows how white text looks on a background with the RGB color 224, 216, 198.

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, 216, 198

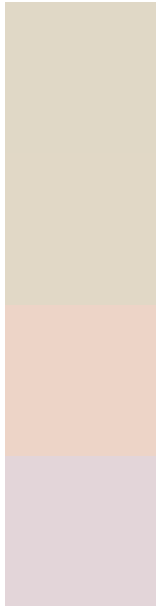
Protanopia
225, 216, 198

Deuteranopia
244, 209, 199



Tritanopia
228, 212, 228

Trichromacy



Original Color

224, 216, 198

Protanomaly

225, 216, 198

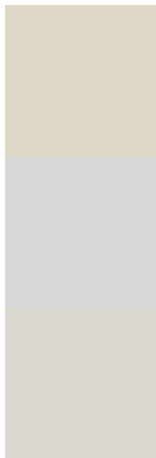
Deuteranomaly

237, 212, 199

Tritanomaly

227, 213, 217

Monochromacy



Original Color

224, 216, 198

Achromatopsia

216, 216, 216

Achromatomaly

219, 216, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 216, 198 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, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 198)  
}
```

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, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 198) }
```

Border

The CSS property to change the border of an element to RGB 224, 216, 198 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, 216, 198) }
```

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

```
.border{ border-color:rgb(224, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 224, 216, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 198) }
```

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

```
.background{ background-color: rgb(224,  
216, 198) }
```

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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