

Converting Colors

RGB(235, 221, 202)

Have a look what the booklet for
RGB(235, 221, 202) contains.

RGB(235, 221, 202)	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(235, 221, 202)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDCA
RGB	235, 221, 202
RGB Percent	92%, 87%, 79%
CMY	0.0784, 0.1333, 0.2078
CMYK	0.00, 0.06, 0.14, 0.08
HSL	35°, 45%, 86%
HSV	35°, 14%, 92%
XYZ	70.7781, 73.6393, 66.3605
YIQ	223.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

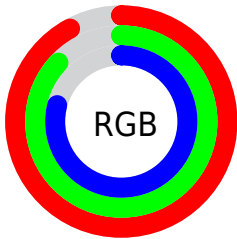
Format	Color
R _Y B	226, 235, 202
Decimal	15457738
CIE Lab	88.75, 1.68, 11.04
CIE LCh	89, 11.165, 81.325
Yxy	73.6393, 0.3358, 0.3494
Android (android.graphics.Color)	4293647818 (0xFFEBDDCA)
YUV	223.0200, -10.3629, 10.5065
Hunter-Lab	85.8134, -2.9482, 14.2197

Details

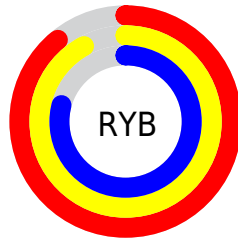
The RGB color **235, 221, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 216, 235**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 166, 148** is the 20% darker color. If you saturate the color by 10%, you get **235, 211, 179**, and if you desaturate by 10%, it is **235, 231, 226**.

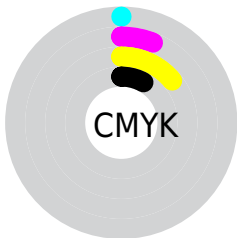
Distribution



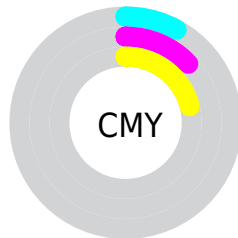
- Red (92%)
- Green (87%)
- Blue (79%)



- Red (89%)
- Yellow (92%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 221, 202 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 235, 221, 202 by changing the saturation by 10% instead.

■ 235, 221, 202

255, 255, 255

■ 235, 221, 202

■ 207, 193, 175

■ 179, 166, 148

■ 152, 140, 122

■ 126, 114, 97

■ 101, 90, 74

■ 77, 66, 51

■ 54, 44, 30

■ 33, 24, 5

■ 0, 0, 0

 235, 221, 202


 235, 221, 202

 235, 211, 179


 235, 231, 226

 235, 201, 155


 235, 241, 249


 235, 191, 132


 235, 251, 255


 235, 181, 108

 235, 255, 255

 235, 171, 85

 235, 161, 61

 235, 151, 37

 235, 141, 14

 235, 135, 0

Harmonies

Analogous

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



243, 218, 207



235, 221, 202



223, 224, 203

Triad

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



235, 221, 202



197, 229, 230



234, 218, 236

Complementary

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



235, 221, 202



202, 216, 235

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.



221, 221, 243



235, 221, 202



199, 228, 239

Square

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



235, 221, 202



201, 229, 219



208, 225, 244



243, 216, 226

Rectangle

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



235, 221, 202



215, 227, 207



208, 225, 244



230, 219, 239

Sweetspot

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



235, 221, 202



255, 251, 245



235, 202, 216



128, 125, 121



0, 0, 0



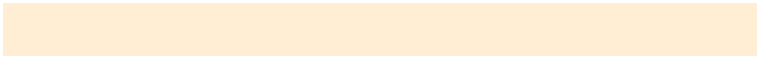
128, 128, 128

Same Dimension

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



235, 221, 202



255, 237, 212



233, 235, 202



117, 112, 106



181, 104, 0



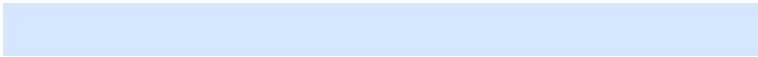
54, 31, 0

Inverse Universe

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



202, 216, 235



212, 230, 255



204, 202, 235



106, 111, 117



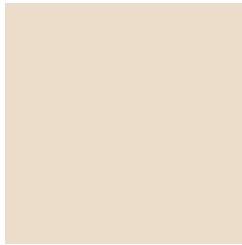
0, 77, 181



0, 23, 54

Previews

White Background



This preview shows how the RGB color 235, 221, 202 looks on a white background.

Color Contrast Check

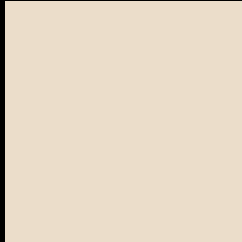
Large Text (above 18pt) WCAG AA × Fail

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 235, 221, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

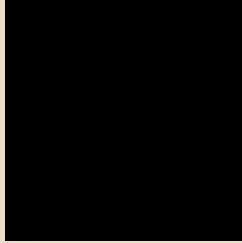
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

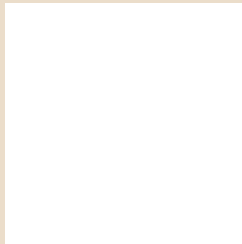
Any Text WCAG AAA ✓ Pass

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

RGB 235, 221, 202 Background



This preview shows how black text looks on a background with the RGB color 235, 221, 202.

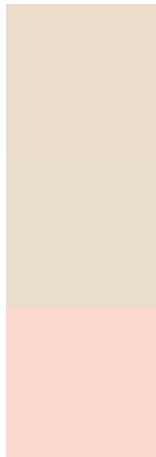


This preview shows how white text looks on a background with the RGB color 235, 221, 202.

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](#).

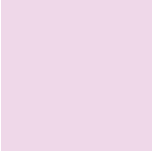
Dichromacy



Original Color
235, 221, 202

Protanopia
232, 222, 203

Deuteranopia
252, 215, 203



Tritanopia
239, 216, 233

Trichromacy



Original Color

235, 221, 202

Protanomaly

233, 222, 203

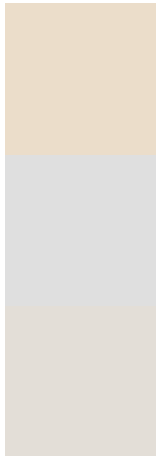
Deuteranomaly

246, 217, 203

Tritanomaly

238, 218, 222

Monochromacy



Original Color

235, 221, 202

Achromatopsia

223, 223, 223

Achromatomaly

227, 222, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 221, 202 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(235, 221, 202) looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 202)  
}
```

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(235, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 202) }
```

Border

The CSS property to change the border of an element to RGB 235, 221, 202 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(235, 221, 202) }
```

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

```
.border{ border-color:rgb(235, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 235, 221, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 202) }
```

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

```
.background{ background-color: rgb(235,  
221, 202) }
```

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