

Converting Colors

RGB(233, 225, 200)

Have a look what the booklet for
RGB(233, 225, 200) contains.

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Color

RGB(233, 225, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1C8
RGB	233, 225, 200
RGB Percent	91%, 88%, 78%
CMY	0.0863, 0.1176, 0.2157
CMYK	0.00, 0.03, 0.14, 0.09
HSL	45°, 43%, 85%
HSV	45°, 14%, 91%
XYZ	70.9548, 75.3442, 65.4467
YIQ	224.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

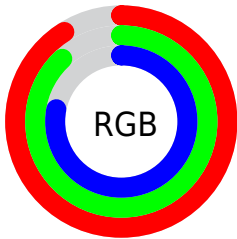
Format	Color
R _Y B	211, 233, 200
Decimal	15327688
CIE Lab	89.55, -1.40, 13.20
CIE LCh	90, 13.276, 96.040
Yxy	75.3442, 0.3351, 0.3558
Android (android.graphics.Color)	4293517768 (0xFFE9E1C8)
YUV	224.5420, -12.0992, 7.4177
Hunter-Lab	86.8010, -5.9884, 16.0569

Details

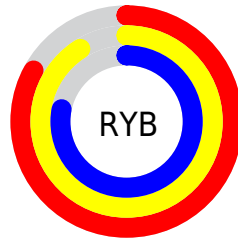
The RGB color **233, 225, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 208, 233**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 170, 146** is the 20% darker color. If you saturate the color by 10%, you get **233, 219, 177**, and if you desaturate by 10%, it is **233, 231, 223**.

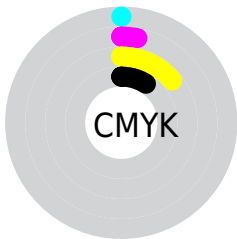
Distribution



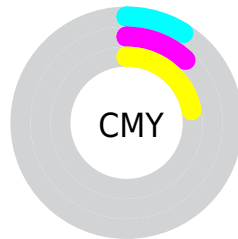
- Red (91%)
- Green (88%)
- Blue (78%)



- Red (83%)
- Yellow (91%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 225, 200 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 233, 225, 200 by changing the saturation by 10% instead.

■ 233, 225, 200

255, 255, 255

■ 233, 225, 200

■ 205, 197, 173

■ 177, 170, 146

■ 150, 143, 120

■ 124, 118, 95

■ 99, 93, 72

■ 75, 70, 49

■ 52, 47, 28

■ 32, 27, 3

■ 0, 0, 0

 233, 225, 200

 233, 225, 200

 233, 219, 177

 233, 231, 223

 233, 214, 153


 233, 236, 247

 233, 208, 130


 233, 242, 255

 233, 202, 107


 233, 248, 255


 233, 197, 84

 233, 253, 255

 233, 191, 60

 233, 255, 255

 233, 185, 37

 233, 180, 14

 233, 177, 0

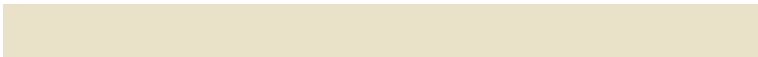
Harmonies

Analogous

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



245, 221, 202



233, 225, 200



218, 229, 204

Triad

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



233, 225, 200



194, 232, 239



244, 218, 236

Complementary

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



233, 225, 200



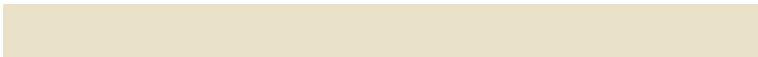
200, 208, 233

Split Complementary

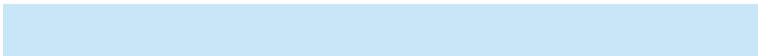
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 221, 246



233, 225, 200



201, 229, 248

Square

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



233, 225, 200



195, 233, 227



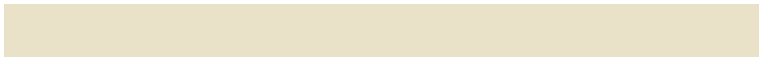
215, 225, 250



252, 217, 223

Rectangle

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



233, 225, 200



209, 231, 211



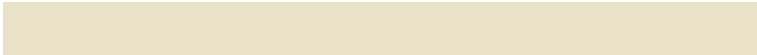
215, 225, 250



240, 219, 239

Sweetspot

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



233, 225, 200



255, 253, 245



233, 200, 208



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



233, 225, 200



255, 244, 212



225, 233, 200



117, 114, 106



181, 137, 0



54, 41, 0

Inverse Universe

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



200, 208, 233



212, 222, 255



208, 200, 233



106, 108, 117



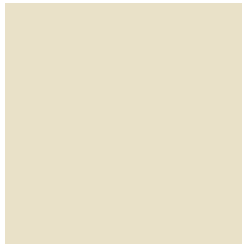
0, 44, 181



0, 13, 54

Previews

White Background



This preview shows how the RGB color 233, 225, 200 looks on a white background.

Color Contrast Check

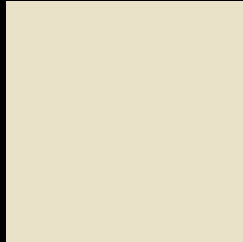
Large Text (above 18pt) WCAG AA × Fail

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 233, 225, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

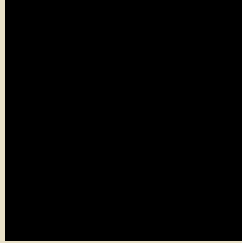
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

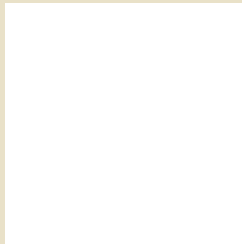
Any Text WCAG AAA ✓ Pass

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

RGB 233, 225, 200 Background



This preview shows how black text looks on a background with the RGB color 233, 225, 200.

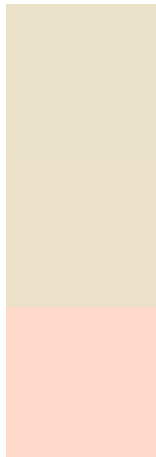


This preview shows how white text looks on a background with the RGB color 233, 225, 200.

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
233, 225, 200

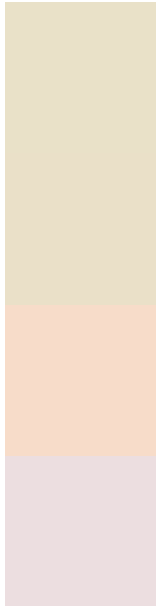
Protanopia
235, 224, 200

Deuteranopia
255, 217, 202



Tritanopia
238, 220, 237

Trichromacy



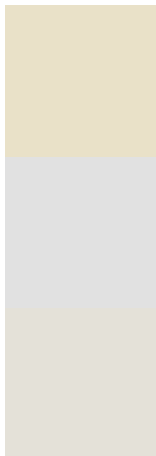
Original Color
233, 225, 200

Protanomaly
234, 224, 200

Deuteranomaly
247, 220, 201

Tritanomaly
236, 222, 224

Monochromacy



Original Color
233, 225, 200

Achromatopsia
225, 225, 225

Achromatomaly
228, 225, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 225, 200 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(233, 225, 200)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 200)  
}
```

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(233, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 200) }
```

Border

The CSS property to change the border of an element to RGB 233, 225, 200 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(233, 225, 200) }
```

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

```
.border{ border-color:rgb(233, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 233, 225, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 200) }
```

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

```
.background{ background-color: rgb(233,  
225, 200) }
```

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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