

Converting Colors

RGB(235, 217, 193)

Have a look what the booklet for
RGB(235, 217, 193) contains.

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Color

RGB(235, 217, 193)

Conversions

Conversions Part 1

Format	Color
Hex	EBD9C1
RGB	235, 217, 193
RGB Percent	92%, 85%, 76%
CMY	0.0784, 0.1490, 0.2431
CMYK	0.00, 0.08, 0.18, 0.08
HSL	34°, 51%, 84%
HSV	34°, 18%, 92%
XYZ	68.6994, 71.1381, 60.5623
YIQ	219.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

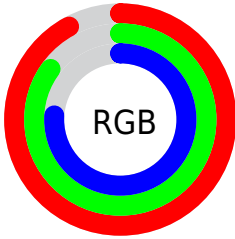
Format	Color
R_{YB}	225, 235, 193
Decimal	15456705
CIE Lab	87.55, 2.37, 14.06
CIE LCh	88, 14.258, 80.414
Yxy	71.1381, 0.3428, 0.3550
Android (android.graphics.Color)	4293646785 (0xFFEBD9C1)
YUV	219.6460, -13.1365, 13.4655
Hunter-Lab	84.3434, -2.2091, 16.4676

Details

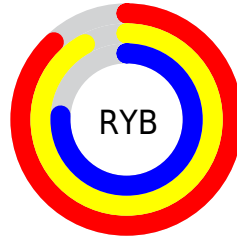
The RGB color **235, 217, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 211, 235**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 249**, and **179, 162, 139** is the 20% darker color. If you saturate the color by 10%, you get **235, 207, 170**, and if you desaturate by 10%, it is **235, 227, 217**.

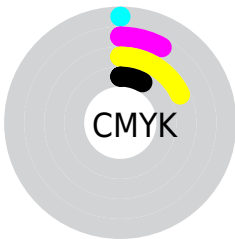
Distribution



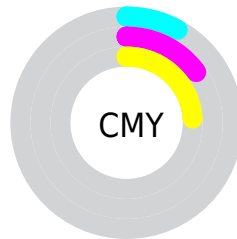
- Red (92%)
- Green (85%)
- Blue (76%)



- Red (88%)
- Yellow (92%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (8%)



- Cyan (8%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 217, 193 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, 217, 193 by changing the saturation by 10% instead.

 235, 217, 193


255, 255, 255

 255, 255, 249

 235, 217, 193

 207, 189, 166

 179, 162, 139

 152, 136, 114

 126, 111, 89

 100, 86, 66

 76, 63, 44

 53, 41, 23

 32, 21, 0

 0, 0, 0

 235, 217, 193


 235, 217, 193

 235, 207, 170


 235, 227, 217

 235, 197, 146


 235, 237, 240


 235, 187, 122


 235, 247, 255

 235, 177, 99

 235, 255, 255

 235, 167, 75

 235, 157, 52

 235, 147, 29

 235, 136, 5

 235, 134, 0

Harmonies

Analogous

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



245, 213, 199



235, 217, 193



220, 221, 194

Triad

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



235, 217, 193



185, 227, 228



233, 213, 237

Complementary

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



235, 217, 193



193, 211, 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.



217, 217, 245



235, 217, 193



188, 226, 240

Square

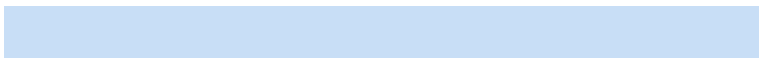
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 217, 193



192, 227, 214



200, 222, 246



245, 211, 224

Rectangle

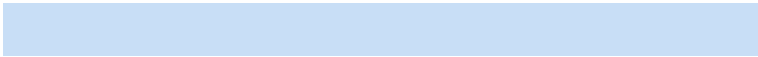
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 217, 193



210, 224, 199



200, 222, 246



228, 215, 240

Sweetspot

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



235, 217, 193



255, 250, 242



235, 193, 211



128, 124, 120



0, 0, 0



128, 128, 128

Same Dimension

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



235, 217, 193



255, 232, 201



232, 235, 193



117, 112, 106



181, 103, 0



54, 31, 0

Inverse Universe

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



193, 211, 235



201, 224, 255



196, 193, 235



106, 111, 117



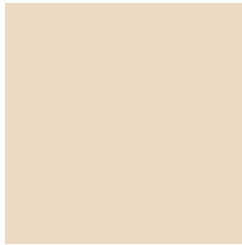
0, 78, 181



0, 23, 54

Previews

White Background



This preview shows how the RGB color 235, 217, 193 looks on a white background.

Color Contrast Check

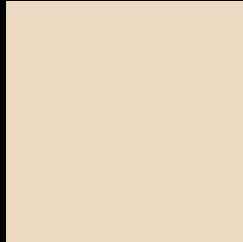
Large Text (above 18pt) WCAG AA × Fail

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, 217, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

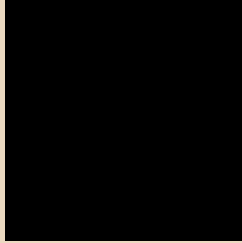
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

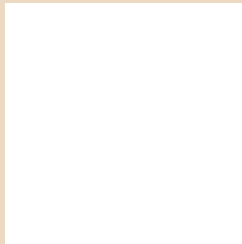
Any Text WCAG AAA ✓ Pass

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

RGB 235, 217, 193 Background



This preview shows how black text looks on a background with the RGB color 235, 217, 193.

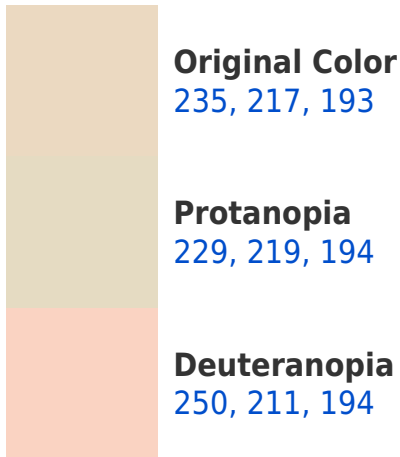


This preview shows how white text looks on a background with the RGB color 235, 217, 193.

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](#).

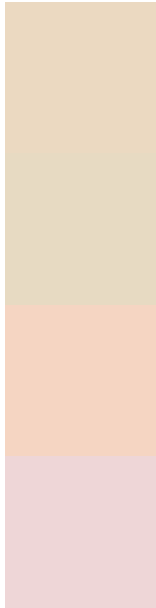
Dichromacy





Tritanopia
240, 212, 228

Trichromacy



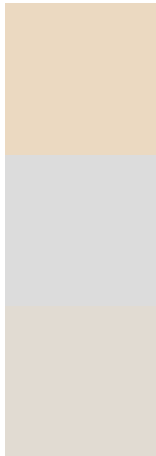
Original Color
235, 217, 193

Protanomaly
231, 218, 194

Deuteranomaly
245, 213, 194

Tritanomaly
238, 214, 215

Monochromacy



Original Color
235, 217, 193

Achromatopsia
220, 220, 220

Achromatomaly
225, 219, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 217, 193 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, 217, 193)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 193)  
}
```

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, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 193) }
```

Border

The CSS property to change the border of an element to RGB 235, 217, 193 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, 217, 193) }
```

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

```
.border{ border-color:rgb(235, 217, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 217, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 235, 217, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 193) }
```

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

```
.background{ background-color: rgb(235,  
217, 193) }
```

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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