

Converting Colors

RGB(235, 217, 158)

Have a look what the booklet for
RGB(235, 217, 158) contains.

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Color

RGB(235, 217, 158)

Conversions

Conversions Part 1

Format	Color
Hex	EBD99E
RGB	235, 217, 158
RGB Percent	92%, 85%, 62%
CMY	0.0784, 0.1490, 0.3804
CMYK	0.00, 0.08, 0.33, 0.08
HSL	46°, 66%, 77%
HSV	46°, 33%, 92%
XYZ	65.2454, 69.7565, 42.3733
YIQ	215.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

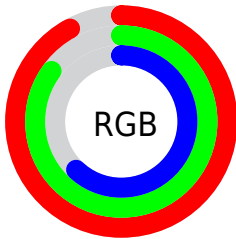
Format	Color
RYB	181, 235, 158
Decimal	15456670
CIELab	86.88, -2.37, 31.36
CIElCh	87, 31.446, 94.317
Yxy	69.7565, 0.3678, 0.3933
Android (android.graphics.Color)	4293646750 (0xFFEBD99E)
YUV	215.6560, -28.4244, 16.9647
Hunter-Lab	83.5204, -6.7180, 28.3840

Details

The RGB color **235, 217, 158** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **158, 176, 235**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 213**, and **178, 162, 106** is the 20% darker color. If you saturate the color by 10%, you get **235, 212, 135**, and if you desaturate by 10%, it is **235, 222, 182**.

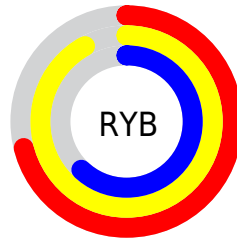
Distribution



Red (92%)

Green (85%)

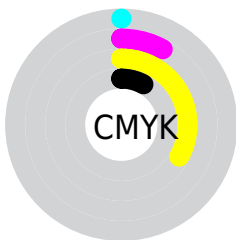
Blue (62%)



Red (71%)

Yellow (92%)

Blue (62%)

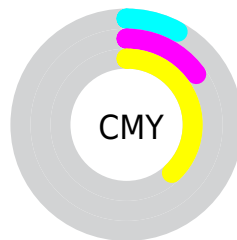


Cyan (0%)

Magenta (8%)

Yellow (33%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 217, 158 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, 158 by changing the saturation by 10% instead.

 235, 217, 158

255, 255, 255


 255, 255, 213

 255, 255, 242

 235, 217, 158

 206, 189, 132

 178, 162, 106

 151, 136, 81

 124, 111, 57

 98, 87, 34

 73, 63, 11

 50, 42, 0

 25, 22, 0

 0, 0, 0

 235, 217, 158

 235, 217, 158

 235, 212, 135

 235, 222, 182

 235, 206, 111


 235, 228, 205

 235, 201, 88


 235, 233, 229

 235, 195, 64

 235, 239, 252

 235, 190, 41

 235, 244, 255

 235, 184, 17

 235, 250, 255

 235, 180, 0

 235, 255, 255

Harmonies

Analogous

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



255, 207, 165



235, 217, 158



202, 226, 168

Triad

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



235, 217, 158



128, 233, 250



255, 199, 244

Complementary

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



235, 217, 158



158, 176, 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.



228, 208, 255



235, 217, 158



147, 228, 255

Square

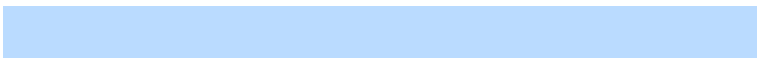
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 217, 158



139, 234, 221



186, 219, 255



255, 196, 214

Rectangle

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



235, 217, 158



179, 230, 182



186, 219, 255



251, 202, 253

Sweetspot

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



235, 217, 158



255, 249, 230



235, 158, 177



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

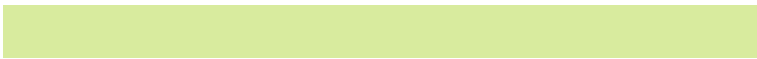
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 217, 158



255, 232, 156



216, 235, 158



117, 115, 106



181, 139, 0



54, 41, 0

Inverse Universe

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



158, 176, 235



156, 179, 255



177, 158, 235



106, 108, 117



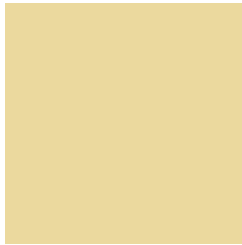
0, 42, 181



0, 13, 54

Previews

White Background



This preview shows how the RGB color 235, 217, 158 looks on a white background.

Color Contrast Check

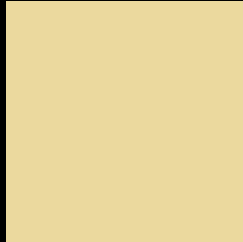
Large Text (above 18pt) WCAG AA × Fail

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, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

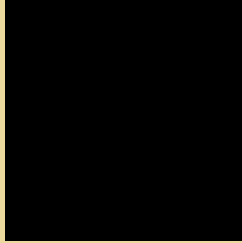
Any Text WCAG AA ✓ Pass

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, 158 Background



This preview shows how black text looks on a background with the RGB color 235, 217, 158.



This preview shows how white text looks on a background with the RGB color 235, 217, 158.

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, 217, 158

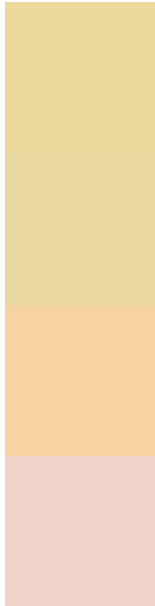
Protanopia
234, 217, 158

Deuteranopia
255, 209, 164



Tritanopia
243, 208, 225

Trichromacy



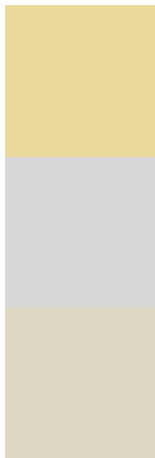
Original Color
235, 217, 158

Protanomaly
234, 217, 158

Deuteranomaly
248, 212, 162

Tritanomaly
240, 211, 201

Monochromacy



Original Color
235, 217, 158

Achromatopsia
216, 216, 216

Achromatomaly
223, 216, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 217, 158 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 158) }
```

Border

The CSS property to change the border of an element to RGB 235, 217, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

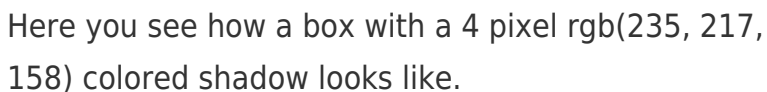
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 217, 158) }
```

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

```
.border{ border-color:rgb(235, 217, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 158);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 235, 217, 158 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, 158) }
```

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

```
.background{ background-color: rgb(235,  
217, 158) }
```

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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