

Converting Colors

RGB(235, 212, 157)

Have a look what the booklet for
RGB(235, 212, 157) contains.

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Color

RGB(235, 212, 157)

Conversions

Conversions Part 1

Format	Color
Hex	EBD49D
RGB	235, 212, 157
RGB Percent	92%, 83%, 62%
CMY	0.0784, 0.1686, 0.3843
CMYK	0.00, 0.10, 0.33, 0.08
HSL	42°, 66%, 77%
HSV	42°, 33%, 92%
XYZ	63.8902, 67.1835, 41.4986
YIQ	212.6070, 31.3630, -12.2290

Conversions

Conversions Part 2

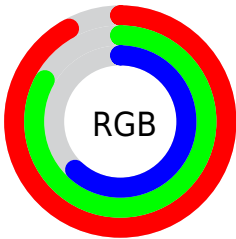
Format	Color
RYB	190, 235, 157
Decimal	15455389
CIELab	85.60, 0.08, 30.16
CIELCh	86, 30.160, 89.851
Yxy	67.1835, 0.3702, 0.3893
Android (android.graphics.Color)	4293645469 (0xFFEBD49D)
YUV	212.6070, -27.4143, 19.6387
Hunter-Lab	81.9655, -4.3030, 27.3577

Details

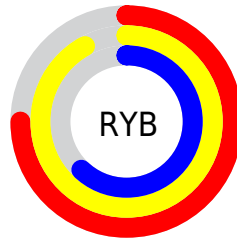
The RGB color **235, 212, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157, 180, 235**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 212**, and **178, 158, 105** is the 20% darker color. If you saturate the color by 10%, you get **235, 205, 134**, and if you desaturate by 10%, it is **235, 219, 181**.

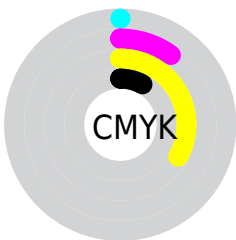
Distribution



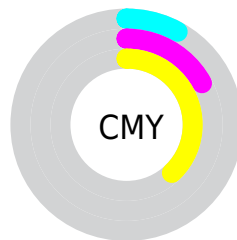
- Red (92%)
- Green (83%)
- Blue (62%)



- Red (75%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 212, 157 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, 212, 157 by changing the saturation by 10% instead.

 235, 212, 157

 235, 212, 157


255, 255, 255

 206, 184, 131

 255, 255, 212


 178, 158, 105

 255, 255, 240

 151, 132, 81

 124, 106, 57

 98, 82, 34

 73, 59, 11

 49, 38, 0

 25, 18, 0


 0, 0, 0

 235, 212, 157


 235, 212, 157

 235, 205, 134


 235, 219, 181

 235, 198, 110


 235, 226, 204

 235, 191, 87


 235, 233, 228

 235, 184, 63

 235, 240, 251

 235, 177, 40

 235, 247, 255

 235, 170, 16

 235, 254, 255

 235, 166, 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, 202, 166



235, 212, 157



204, 221, 164

Triad

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



235, 212, 157



129, 229, 241



251, 198, 243

Complementary

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



235, 212, 157



157, 180, 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.



218, 207, 255



235, 212, 157



143, 225, 255

Square

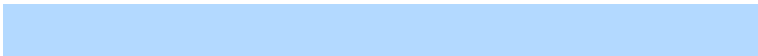
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 212, 157



143, 230, 213



179, 217, 255



255, 193, 215

Rectangle

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



235, 212, 157



182, 225, 176



179, 217, 255



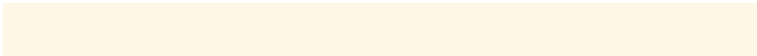
241, 200, 251

Sweetspot

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



235, 212, 157



255, 247, 230



235, 157, 180



128, 123, 112



0, 0, 0



128, 128, 128

Same Dimension

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



235, 212, 157



255, 225, 153



219, 235, 157



117, 114, 106



181, 128, 0



54, 38, 0

Inverse Universe

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



157, 180, 235



153, 183, 255



173, 157, 235



106, 109, 117



0, 53, 181



0, 16, 54

Previews

White Background



This preview shows how the RGB color 235, 212, 157 looks on a white background.

Color Contrast Check

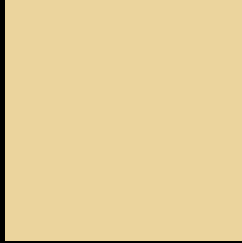
Large Text (above 18pt) WCAG AA × Fail

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, 212, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

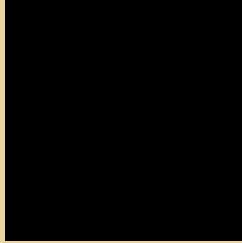
Any Text WCAG AA ✓ Pass

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, 212, 157 Background



This preview shows how black text looks on a background with the RGB color 235, 212, 157.



This preview shows how white text looks on a background with the RGB color 235, 212, 157.

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, 212, 157

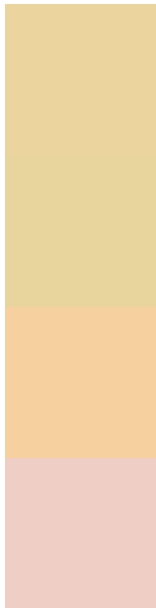
Protanopia
230, 214, 158

Deuteranopia
253, 205, 158



Tritanopia
242, 204, 220

Trichromacy



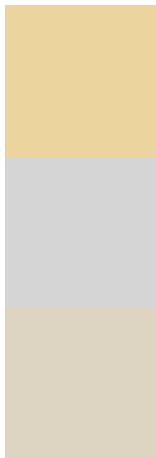
Original Color
235, 212, 157

Protanomaly
232, 213, 158

Deuteranomaly
246, 208, 158

Tritanomaly
239, 207, 197

Monochromacy



Original Color
235, 212, 157

Achromatopsia
213, 213, 213

Achromatomaly
221, 213, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 212, 157 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, 212, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 157)  
}
```

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, 212, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 157) }
```

Border

The CSS property to change the border of an element to RGB 235, 212, 157 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, 212, 157) }
```

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

```
.border{ border-color:rgb(235, 212, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 235, 212, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 157) }
```

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

```
.background{ background-color: rgb(235,  
212, 157) }
```

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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