

Converting Colors

RGB(234, 225, 117)

Have a look what the booklet for
RGB(234, 225, 117) contains.

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Color

RGB(234, 225, 117)

Conversions

Conversions Part 1

Format	Color
Hex	EAE175
RGB	234, 225, 117
RGB Percent	92%, 88%, 46%
CMY	0.0824, 0.1176, 0.5412
CMYK	0.00, 0.04, 0.50, 0.08
HSL	55°, 74%, 69%
HSV	55°, 50%, 92%
XYZ	64.0678, 72.6272, 27.4713
YIQ	215.3790, 40.0320, -31.6800

Conversions

Conversions Part 2

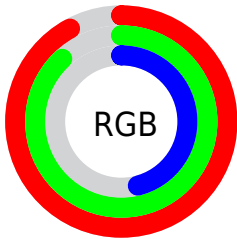
Format	Color
RYB	127, 234, 117
Decimal	15393141
CIELab	88.27, -11.04, 53.40
CIELCh	88, 54.527, 101.679
Yxy	72.6272, 0.3903, 0.4424
Android (android.graphics.Color)	4293583221 (0xFFEAE175)
YUV	215.3790, -48.5008, 16.3306
Hunter-Lab	85.2216, -14.9453, 40.5429

Details

The RGB color **234, 225, 117** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **117, 126, 234**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 171**, and **176, 170, 64** is the 20% darker color. If you saturate the color by 10%, you get **234, 223, 94**, and if you desaturate by 10%, it is **234, 227, 140**.

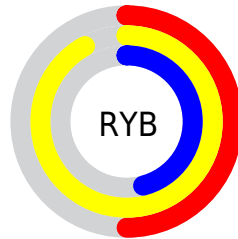
Distribution



Red (92%)

Green (88%)

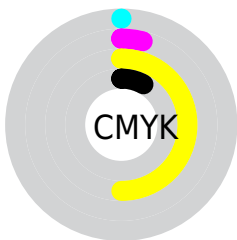
Blue (46%)



Red (50%)

Yellow (92%)

Blue (46%)

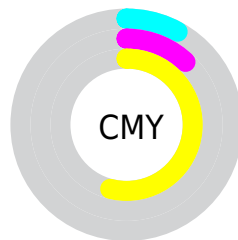


Cyan (0%)

Magenta (4%)

Yellow (50%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 225, 117 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 234, 225, 117 by changing the saturation by 10% instead.

 234, 225, 117

 234, 225, 117

255, 255, 255

 205, 197, 91

 255, 255, 171

 176, 170, 64

 255, 255, 199

 148, 144, 37


 255, 255, 228

 120, 118, 2

 94, 94, 0

 68, 70, 0

 42, 48, 0

 16, 28, 0

 0, 0, 0

 234, 225, 117

 234, 225, 117

 234, 223, 94

 234, 227, 140

 234, 221, 70

 234, 229, 164

 234, 220, 47

 234, 230, 187

 234, 218, 23

 234, 232, 211

 234, 216, 0

 234, 234, 234

 234, 236, 255

 234, 238, 255

 234, 239, 255

 234, 241, 255

Harmonies

Analogous

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



255, 207, 123



234, 225, 117



177, 238, 142

Triad

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



234, 225, 117



0, 245, 255



255, 184, 255

Complementary

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



234, 225, 117



117, 126, 234

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.



253, 200, 255



234, 225, 117



50, 236, 255

Square

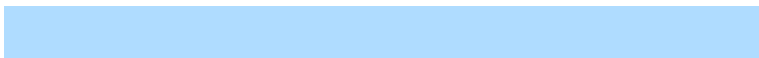
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 225, 117



0, 249, 241



175, 220, 255



255, 179, 203

Rectangle

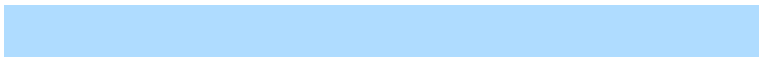
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 225, 117



132, 244, 170



175, 220, 255



255, 188, 255

Sweetspot

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



234, 225, 117



255, 252, 217



234, 117, 127



128, 126, 105



0, 0, 0



128, 128, 128

Same Dimension

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



234, 225, 117



255, 243, 102



185, 234, 117



117, 116, 106



181, 167, 0



54, 49, 0

Inverse Universe

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



117, 126, 234



102, 114, 255



166, 117, 234



106, 106, 117



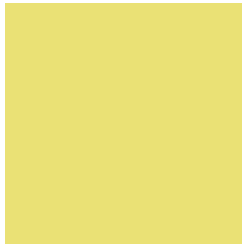
0, 14, 181



0, 4, 54

Previews

White Background



This preview shows how the RGB color 234, 225, 117 looks on a white background.

Color Contrast Check

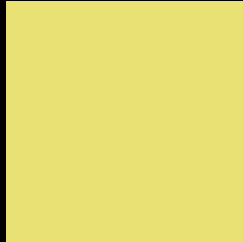
Large Text (above 18pt) WCAG AA × Fail

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 234, 225, 117 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 234, 225, 117 Background



This preview shows how black text looks on a background with the RGB color 234, 225, 117.




This preview shows how white text looks on a background with the RGB color 234, 225, 117.

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](#).

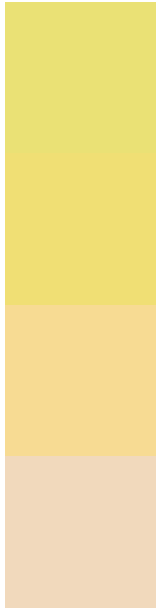
Dichromacy

	Original Color 234, 225, 117
	Protanopia 244, 222, 116
	Deuteranopia 255, 215, 164



Tritanopia
245, 212, 229

Trichromacy



Original Color
234, 225, 117

Protanomaly
240, 223, 116

Deuteranomaly
247, 219, 147

Tritanomaly
241, 217, 188

Monochromacy



Original Color
234, 225, 117

Achromatopsia
215, 215, 215

Achromatomaly
222, 219, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 225, 117 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(234, 225, 117)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 117)  
}
```

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(234, 225, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 117) }
```

Border

The CSS property to change the border of an element to RGB 234, 225, 117 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(234, 225, 117) }
```

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

```
.border{ border-color:rgb(234, 225, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 117);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 234, 225, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 117) }
```

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

```
.background{ background-color: rgb(234,  
225, 117) }
```

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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