

Converting Colors

RGB(234, 229, 167)

Have a look what the booklet for
RGB(234, 229, 167) contains.

RGB(234, 229, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(234, 229, 167)

Conversions

Conversions Part 1

Format	Color
Hex	EAE5A7
RGB	234, 229, 167
RGB Percent	92%, 90%, 65%
CMY	0.0824, 0.1020, 0.3451
CMYK	0.00, 0.02, 0.29, 0.08
HSL	56°, 61%, 79%
HSV	56°, 29%, 92%
XYZ	68.9260, 76.3211, 47.6579
YIQ	223.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

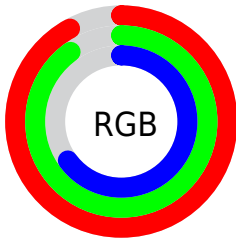
Format	Color
RYB	172, 234, 167
Decimal	15394215
CIELab	90.01, -7.72, 30.92
CIELCh	90, 31.869, 104.018
Yxy	76.3211, 0.3573, 0.3956
Android (android.graphics.Color)	4293584295 (0xFFEAE5A7)
YUV	223.4270, -27.8185, 9.2725
Hunter-Lab	87.3619, -12.0520, 28.8093

Details

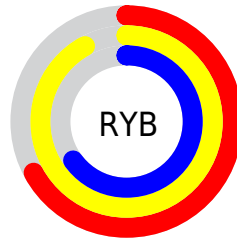
The RGB color **234, 229, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 172, 234**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 223**, and **177, 174, 114** is the 20% darker color. If you saturate the color by 10%, you get **234, 227, 144**, and if you desaturate by 10%, it is **234, 231, 190**.

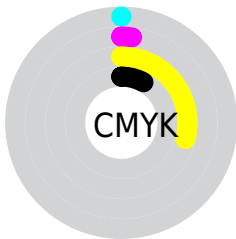
Distribution



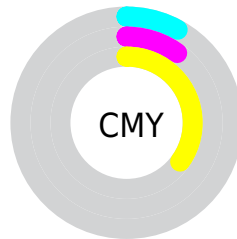
- Red (92%)
- Green (90%)
- Blue (65%)



- Red (67%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 229, 167 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, 229, 167 by changing the saturation by 10% instead.

 234, 229, 167

255, 255, 255

 255, 255, 223

 255, 255, 251


 234, 229, 167


 205, 201, 140

 177, 174, 114

 150, 147, 89

 124, 121, 65

 98, 97, 42

 73, 73, 19

 50, 51, 0

 27, 30, 0

 0, 0, 0

 234, 229, 167

 234, 229, 167

 234, 227, 144

 234, 231, 190

 234, 226, 120

 234, 232, 214

 234, 224, 97

 234, 234, 237

 234, 222, 73

 234, 236, 255

 234, 220, 50

 234, 238, 255

 234, 219, 27

 234, 239, 255

 234, 217, 3

 234, 241, 255

 234, 217, 0

 234, 243, 255

 234, 245, 255

Harmonies

Analogous

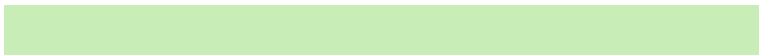
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 219, 168



234, 229, 167



200, 237, 182

Triad

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



234, 229, 167



139, 241, 255



255, 206, 244

Complementary

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



234, 229, 167



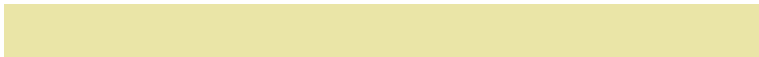
167, 172, 234

Split Complementary

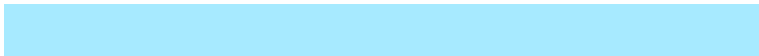
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 214, 255



234, 229, 167



167, 234, 255

Square

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



234, 229, 167



140, 244, 240



209, 224, 255



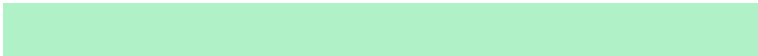
255, 204, 213

Rectangle

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



234, 229, 167



176, 241, 199



209, 224, 255



255, 208, 254

Sweetspot

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



234, 229, 167



255, 253, 232



234, 167, 173



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



234, 229, 167



255, 249, 168



206, 234, 167



117, 116, 106



181, 168, 0



54, 50, 0

Inverse Universe

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



167, 172, 234



168, 175, 255



195, 167, 234



106, 106, 117



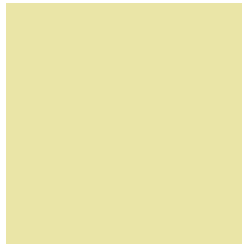
0, 14, 181



0, 4, 54

Previews

White Background



This preview shows how the RGB color 234, 229, 167 looks on a white background.

Color Contrast Check

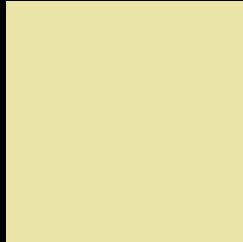
Large Text (above 18pt) WCAG AA × Fail

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, 229, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

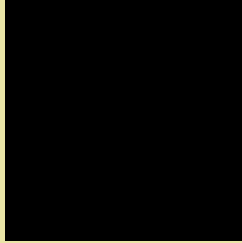
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

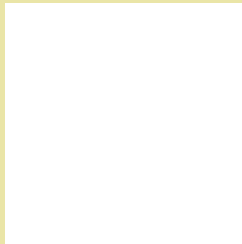
Any Text WCAG AAA ✓ Pass

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

RGB 234, 229, 167 Background



This preview shows how black text looks on a background with the RGB color 234, 229, 167.



This preview shows how white text looks on a background with the RGB color 234, 229, 167.

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, 229, 167

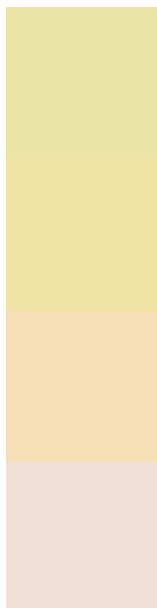
Protanopia
243, 226, 166

Deuteranopia
255, 220, 189



Tritanopia
243, 220, 237

Trichromacy



Original Color

234, 229, 167

Protanomaly

240, 227, 166

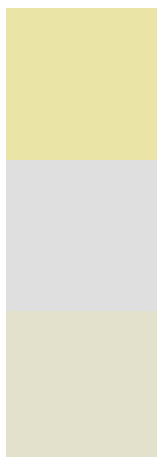
Deuteranomaly

247, 223, 181

Tritanomaly

240, 223, 212

Monochromacy



Original Color

234, 229, 167

Achromatopsia

223, 223, 223

Achromatomaly

227, 225, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 229, 167 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, 229, 167)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 167)  
}
```

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, 229, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 167) }
```

Border

The CSS property to change the border of an element to RGB 234, 229, 167 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, 229, 167) }
```

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

```
.border{ border-color:rgb(234, 229, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 167);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 234, 229, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 167) }
```

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

```
.background{ background-color: rgb(234,  
229, 167) }
```

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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