

Converting Colors

RGB(234, 229, 174)

Have a look what the booklet for
RGB(234, 229, 174) contains.

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Color

RGB(234, 229, 174)

Conversions

Conversions Part 1

Format	Color
Hex	EAE5AE
RGB	234, 229, 174
RGB Percent	92%, 90%, 68%
CMY	0.0824, 0.1020, 0.3176
CMYK	0.00, 0.02, 0.26, 0.08
HSL	55°, 59%, 80%
HSV	55°, 26%, 92%
XYZ	69.5910, 76.5870, 51.1593
YIQ	224.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

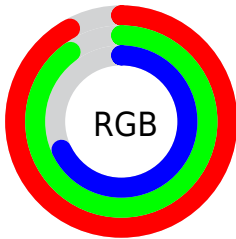
Format	Color
RYB	179, 234, 174
Decimal	15394222
CIELab	90.13, -6.81, 27.50
CIELCh	90, 28.332, 103.908
Yxy	76.5870, 0.3526, 0.3881
Android (android.graphics.Color)	4293584302 (0xFFEAE5AE)
YUV	224.2250, -24.7609, 8.5727
Hunter-Lab	87.5140, -11.2067, 26.5998

Details

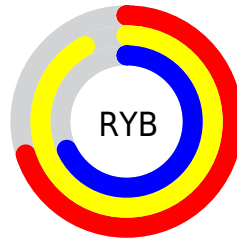
The RGB color **234, 229, 174** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **174, 179, 234**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 230**, and **178, 174, 121** is the 20% darker color. If you saturate the color by 10%, you get **234, 227, 151**, and if you desaturate by 10%, it is **234, 231, 197**.

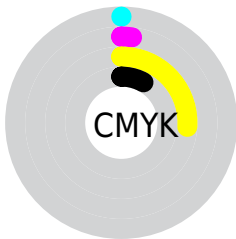
Distribution



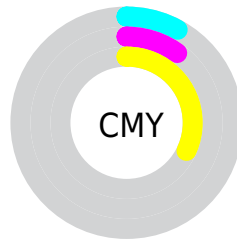
- Red (92%)
- Green (90%)
- Blue (68%)



- Red (70%)
- Yellow (92%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 229, 174 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, 174 by changing the saturation by 10% instead.

 234, 229, 174


255, 255, 255


 255, 255, 230

 234, 229, 174


 205, 201, 147

 178, 174, 121

 151, 147, 96

 124, 121, 72

 99, 97, 49

 74, 73, 26

 50, 51, 2

 28, 30, 0

 0, 1, 0

 234, 229, 174

 234, 229, 174

 234, 227, 151


 234, 231, 197

 234, 225, 127

 234, 233, 221

 234, 223, 104

 234, 235, 244

 234, 221, 80


 234, 237, 255

 234, 219, 57

 234, 239, 255

 234, 217, 34

 234, 241, 255

 234, 215, 10

 234, 243, 255

 234, 215, 0

 234, 245, 255

 234, 247, 255

Harmonies

Analogous

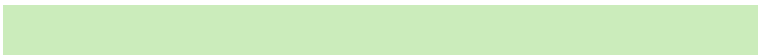
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 220, 175



234, 229, 174



203, 236, 187

Triad

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



234, 229, 174



152, 240, 255



255, 209, 242

Complementary

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



234, 229, 174



174, 179, 234

Split Complementary

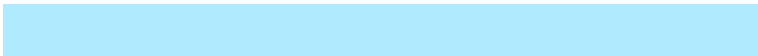
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 216, 255



234, 229, 174



176, 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, 174



153, 242, 239



212, 225, 255



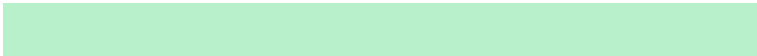
255, 207, 215

Rectangle

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



234, 229, 174



183, 240, 202



212, 225, 255



255, 211, 251

Sweetspot

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



234, 229, 174



255, 253, 235



234, 174, 179



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



234, 229, 174



255, 248, 176



209, 234, 174



117, 116, 106



181, 166, 0



54, 49, 0

Inverse Universe

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



174, 179, 234



176, 183, 255



199, 174, 234



106, 107, 117



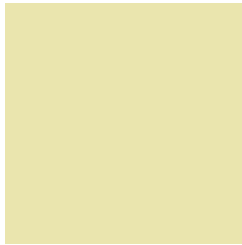
0, 15, 181



0, 4, 54

Previews

White Background



This preview shows how the RGB color 234, 229, 174 looks on a white background.

Color Contrast Check

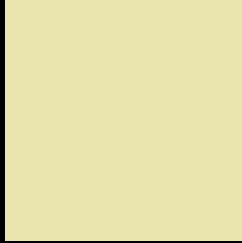
Large Text (above 18pt) WCAG AA × Fail

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, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

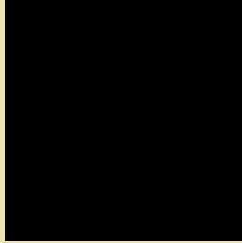
Any Text WCAG AA ✓ Pass

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, 174 Background



This preview shows how black text looks on a background with the RGB color 234, 229, 174.



This preview shows how white text looks on a background with the RGB color 234, 229, 174.

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](#).

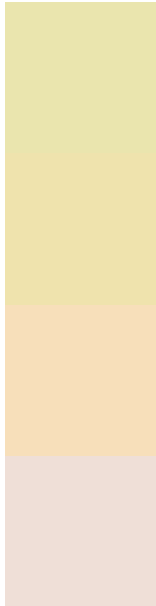
Dichromacy





Tritanopia
242, 220, 238

Trichromacy



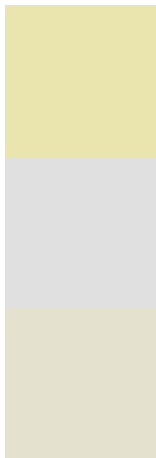
Original Color
234, 229, 174

Protanomaly
239, 227, 173

Deuteranomaly
247, 223, 186

Tritanomaly
239, 223, 215

Monochromacy



Original Color
234, 229, 174

Achromatopsia
224, 224, 224

Achromatomaly
228, 226, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 229, 174 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 174) }
```

Border

The CSS property to change the border of an element to RGB 234, 229, 174 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, 174) }
```

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

```
.border{ border-color:rgb(234, 229, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 234, 229, 174 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, 174) }
```

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

```
.background{ background-color: rgb(234,  
229, 174) }
```

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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