

Converting Colors

RGB(234, 242, 174)

Have a look what the booklet for
RGB(234, 242, 174) contains.

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Color

RGB(234, 242, 174)

Conversions

Conversions Part 1

Format	Color
Hex	EA F2 AE
RGB	234, 242, 174
RGB Percent	92%, 95%, 68%
CMY	0.0824, 0.0510, 0.3176
CMYK	0.03, 0.00, 0.28, 0.05
HSL	67°, 72%, 82%
HSV	67°, 28%, 95%
XYZ	73.3238, 84.0527, 52.4036
YIQ	231.8560, 17.0600, -22.8440

Conversions

Conversions Part 2

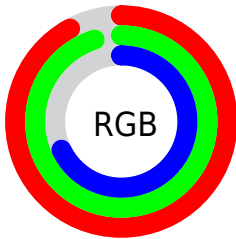
Format	Color
RYB	174, 242, 182
Decimal	15397550
CIELab	93.47, -13.30, 32.01
CIELCh	93, 34.665, 112.558
Yxy	84.0527, 0.3495, 0.4007
Android (android.graphics.Color)	4293587630 (0xFFEAF2AE)
YUV	231.8560, -28.5230, 1.8803
Hunter-Lab	91.6802, -17.6802, 30.2865

Details

The RGB color **234, 242, 174** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **182, 174, 242**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 230**, and **178, 186, 121** is the 20% darker color. If you saturate the color by 10%, you get **231, 242, 150**, and if you desaturate by 10%, it is **237, 242, 198**.

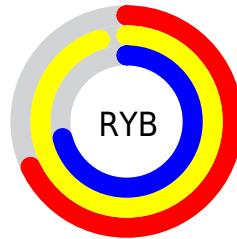
Distribution



Red (92%)

Green (95%)

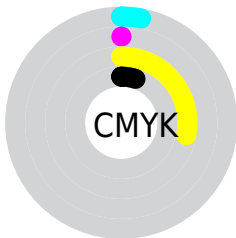
Blue (68%)



Red (68%)

Yellow (95%)

Blue (71%)

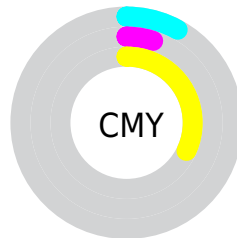


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 242, 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, 242, 174 by changing the saturation by 10% instead.


 234, 242, 174


255, 255, 255


 255, 255, 230

 234, 242, 174

 205, 214, 147

 178, 186, 121

 150, 159, 96

 124, 133, 71

 98, 108, 48

 73, 83, 24

 50, 60, 0

 27, 39, 0

 0, 20, 0

 234, 242, 174

 234, 242, 174

 231, 242, 150

 237, 242, 198

 228, 242, 126


 240, 242, 222

 225, 242, 101

 243, 242, 247

 223, 242, 77


 245, 242, 255

 220, 242, 53


 248, 242, 255

 217, 242, 29

 251, 242, 255

 214, 242, 5

 254, 242, 255

 214, 242, 0

 255, 242, 255

Harmonies

Analogous

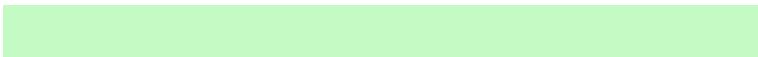
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 170



234, 242, 174



196, 250, 195

Triad

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



234, 242, 174



144, 250, 255



255, 212, 246

Complementary

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



234, 242, 174



182, 174, 242

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.



255, 219, 255



234, 242, 174



182, 242, 255

Square

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



234, 242, 174



136, 255, 255



230, 231, 255



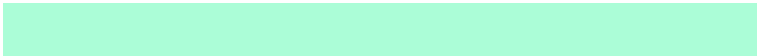
255, 213, 212

Rectangle

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



234, 242, 174



171, 253, 215



230, 231, 255



255, 214, 255

Sweetspot

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



234, 242, 174



253, 255, 235



242, 182, 174



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

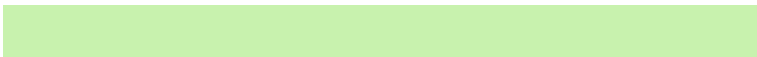
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 242, 174



245, 255, 168



200, 242, 174



118, 120, 108



162, 184, 0



50, 56, 0

Inverse Universe

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



182, 174, 242



178, 168, 255



216, 174, 242



109, 108, 120



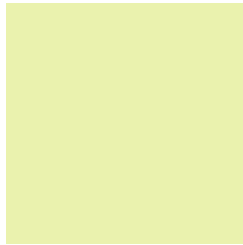
22, 0, 184



7, 0, 56

Previews

White Background



This preview shows how the RGB color 234, 242, 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, 242, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

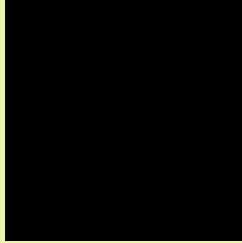
Any Text WCAG AA ✓ Pass

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, 242, 174 Background



This preview shows how black text looks on a background with the RGB color 234, 242, 174.

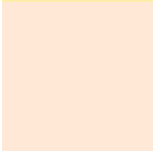


This preview shows how white text looks on a background with the RGB color 234, 242, 174.

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

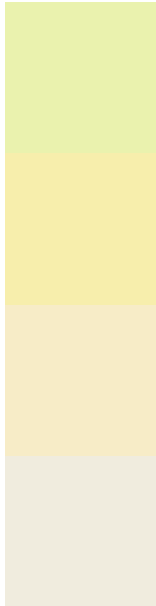
	Original Color 234, 242, 174
	Protanopia 254, 236, 171
	Deuteranopia 255, 232, 214



Tritanopia

244, 232, 250

Trichromacy



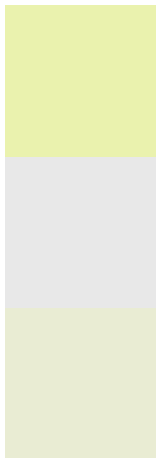
Original Color
234, 242, 174

Protanomaly
247, 238, 172

Deuteranomaly
247, 236, 199

Tritanomaly
240, 236, 222

Monochromacy



Original Color
234, 242, 174

Achromatopsia
232, 232, 232

Achromatomaly
233, 236, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 242, 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, 242, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 242, 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, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 242, 174) }
```

Border

The CSS property to change the border of an element to RGB 234, 242, 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, 242, 174) }
```

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

```
.border{ border-color:rgb(234, 242, 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, 242, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 242, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 242, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 242,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 234, 242, 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, 242, 174) }
```

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

```
.background{ background-color: rgb(234,  
242, 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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