

Converting Colors

RGB(234, 240, 181)

Have a look what the booklet for
RGB(234, 240, 181) contains.

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Color

RGB(234, 240, 181)

Conversions

Conversions Part 1

Format	Color
Hex	EAFOB5
RGB	234, 240, 181
RGB Percent	92%, 94%, 71%
CMY	0.0824, 0.0588, 0.2902
CMYK	0.03, 0.00, 0.25, 0.06
HSL	66°, 66%, 83%
HSV	66°, 25%, 94%
XYZ	73.4323, 83.1488, 55.8951
YIQ	231.4800, 15.3630, -19.6210

Conversions

Conversions Part 2

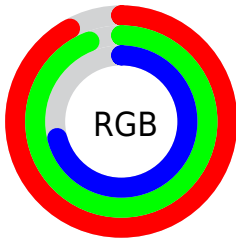
Format	Color
RYB	181, 240, 187
Decimal	15397045
CIELab	93.08, -11.37, 27.93
CIELCh	93, 30.155, 112.160
Yxy	83.1488, 0.3456, 0.3913
Android (android.graphics.Color)	4293587125 (0xFFEAF0B5)
YUV	231.4800, -24.8866, 2.2100
Hunter-Lab	91.1860, -15.8290, 27.4866

Details

The RGB color **234, 240, 181** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **187, 181, 240**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 237**, and **178, 184, 128** is the 20% darker color. If you saturate the color by 10%, you get **232, 240, 157**, and if you desaturate by 10%, it is **236, 240, 205**.

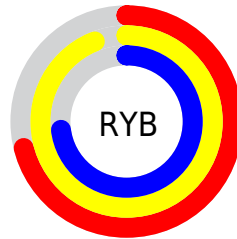
Distribution



Red (92%)

Green (94%)

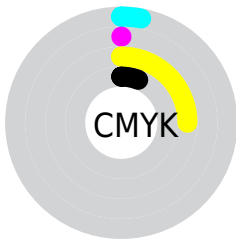
Blue (71%)



Red (71%)

Yellow (94%)

Blue (73%)

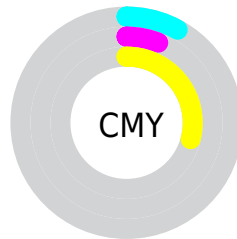


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 240, 181 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, 240, 181 by changing the saturation by 10% instead.

 234, 240, 181


255, 255, 255

 255, 255, 237

 234, 240, 181

 206, 212, 154

 178, 184, 128

 151, 157, 102

 124, 131, 78

 99, 106, 54

 74, 82, 32

 51, 59, 9

 29, 37, 0

 0, 18, 0

 234, 240, 181

 234, 240, 181


 232, 240, 157


 236, 240, 205

 229, 240, 133

 239, 240, 229

 227, 240, 109

 241, 240, 253

 224, 240, 85

 244, 240, 255


 222, 240, 61


 246, 240, 255

 219, 240, 37

 249, 240, 255

 217, 240, 13

 251, 240, 255

 216, 240, 0

 254, 240, 255

 255, 240, 255

Harmonies

Analogous

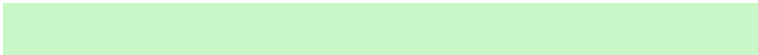
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 178



234, 240, 181



201, 247, 199

Triad

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



234, 240, 181



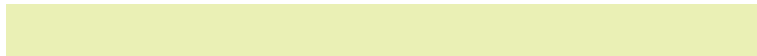
159, 248, 255



255, 215, 244

Complementary

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



234, 240, 181



187, 181, 240

Split Complementary

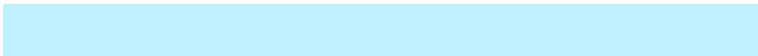
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 221, 255



234, 240, 181



190, 240, 255

Square

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



234, 240, 181



152, 251, 255



230, 230, 255



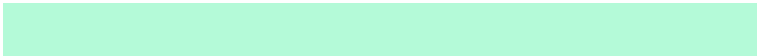
255, 215, 215

Rectangle

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



234, 240, 181



180, 250, 216



230, 230, 255



255, 216, 254

Sweetspot

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



234, 240, 181



253, 255, 237



240, 187, 181



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

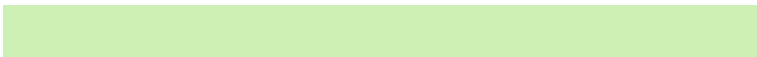
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 240, 181



247, 255, 179



205, 240, 181



119, 120, 108



165, 184, 0



50, 56, 0

Inverse Universe

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



187, 181, 240



186, 179, 255



216, 181, 240



109, 108, 120



19, 0, 184



6, 0, 56

Previews

White Background



This preview shows how the RGB color 234, 240, 181 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, 240, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

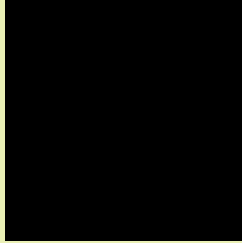
Any Text WCAG AA ✓ Pass

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, 240, 181 Background



This preview shows how black text looks on a background with the RGB color 234, 240, 181.

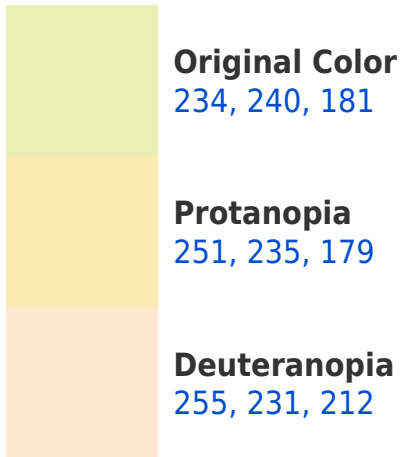


This preview shows how white text looks on a background with the RGB color 234, 240, 181.

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

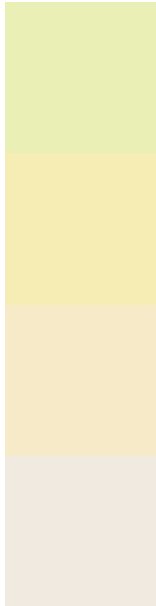




Tritanopia

243, 231, 249

Trichromacy



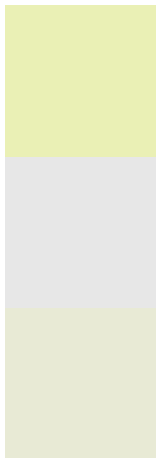
Original Color
234, 240, 181

Protanomaly
245, 237, 180

Deuteranomaly
247, 234, 201

Tritanomaly
240, 234, 224

Monochromacy



Original Color
234, 240, 181

Achromatopsia
231, 231, 231

Achromatomaly
232, 234, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 240, 181 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, 240, 181)` looks like.

```
.text, #text, p{  
    color:rgb(234, 240, 181)  
}
```

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, 240, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 181) }
```

Border

The CSS property to change the border of an element to RGB 234, 240, 181 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, 240, 181) }
```

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

```
.border{ border-color:rgb(234, 240, 181) }
```

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

Here you see how a box with a 4 pixel rgb(234, 240, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 181);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 234, 240, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 240, 181) }
```

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

```
.background{ background-color: rgb(234,  
240, 181) }
```

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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