

Converting Colors

RGB(229, 241, 206)

Have a look what the booklet for
RGB(229, 241, 206) contains.

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Color

RGB(229, 241, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E5F1CE
RGB	229, 241, 206
RGB Percent	90%, 95%, 81%
CMY	0.1020, 0.0549, 0.1922
CMYK	0.05, 0.00, 0.15, 0.05
HSL	81°, 56%, 88%
HSV	81°, 15%, 95%
XYZ	74.9090, 84.0248, 70.6628
YIQ	233.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

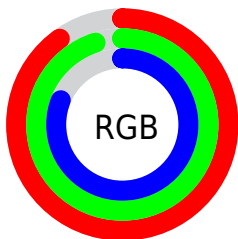
Format	Color
R_{YB}	206, 241, 218
Decimal	15069646
CIE _{Lab}	93.46, -9.96, 15.57
CIE _{LCh}	93, 18.485, 122.621
Yxy	84.0248, 0.3263, 0.3660
Android (android.graphics.Color)	4293259726 (0xFFE5F1CE)
YUV	233.4220, -13.5190, -3.8781
Hunter-Lab	91.6651, -14.5431, 18.4600

Details

The RGB color **229, 241, 206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **218, 206, 241**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 185, 152** is the 20% darker color. If you saturate the color by 10%, you get **221, 241, 182**, and if you desaturate by 10%, it is **237, 241, 230**.

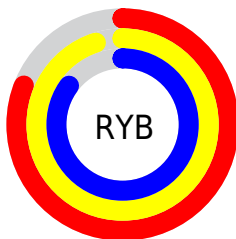
Distribution



Red (90%)

Green (95%)

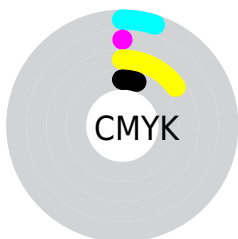
Blue (81%)



Red (81%)

Yellow (95%)

Blue (85%)

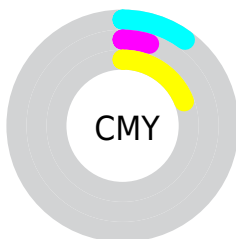


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 241, 206 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 229, 241, 206 by changing the saturation by 10% instead.

■ 229, 241, 206

255, 255, 255

■ 229, 241, 206

■ 201, 213, 178

■ 173, 185, 152

■ 147, 158, 126

■ 121, 132, 101

■ 96, 107, 77

■ 72, 83, 54

■ 49, 59, 32

■ 28, 38, 10

■ 0, 18, 0

■ 229, 241, 206

■ 229, 241, 206

■ 221, 241, 182

■ 237, 241, 230

■ 212, 241, 158

■ 246, 241, 254

■ 204, 241, 134

■ 254, 241, 255

■ 196, 241, 110

■ 255, 241, 255

■ 188, 241, 86

■ 179, 241, 61

■ 171, 241, 37

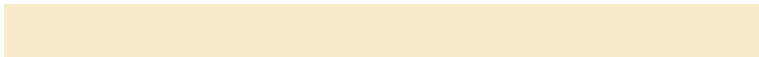
■ 163, 241, 13

■ 158, 241, 0

Harmonies

Analogous

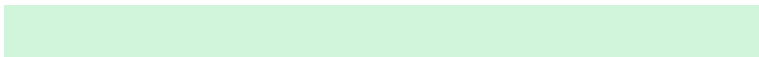
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 235, 201



229, 241, 206



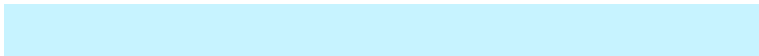
209, 245, 219

Triad

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



229, 241, 206



199, 243, 255



255, 224, 235

Complementary

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



229, 241, 206



218, 206, 241

Split Complementary

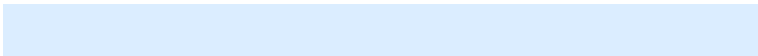
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 226, 253



229, 241, 206



219, 237, 255

Square

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



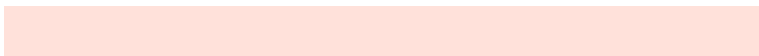
229, 241, 206



190, 246, 255



242, 231, 255



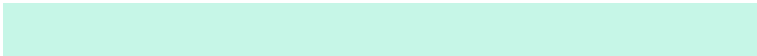
255, 225, 218

Rectangle

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



229, 241, 206



198, 246, 231



242, 231, 255



255, 224, 241

Sweetspot

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



229, 241, 206



252, 255, 245



241, 218, 206



125, 128, 121



0, 0, 0



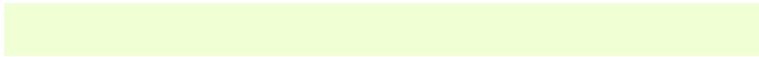
128, 128, 128

Same Dimension

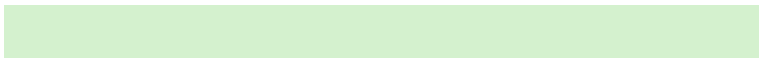
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 241, 206



240, 255, 212



212, 241, 206



116, 120, 108



121, 184, 0



37, 56, 0

Inverse Universe

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



218, 206, 241



227, 212, 255



235, 206, 241



112, 108, 120



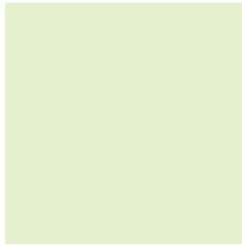
63, 0, 184



19, 0, 56

Previews

White Background



This preview shows how the RGB color 229, 241, 206 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 229, 241, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

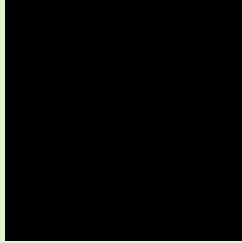
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

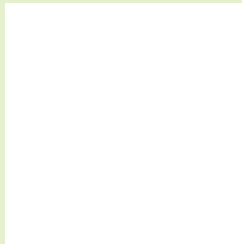
Any Text WCAG AAA ✓ Pass

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

RGB 229, 241, 206 Background



This preview shows how black text looks on a background with the RGB color 229, 241, 206.

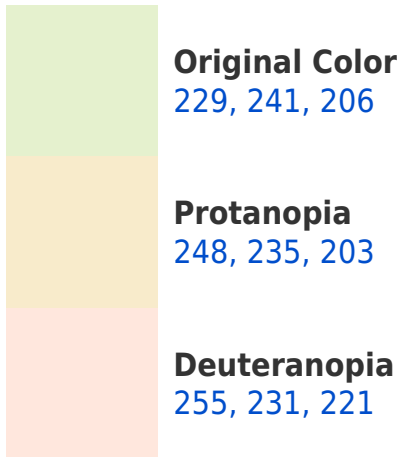


This preview shows how white text looks on a background with the RGB color 229, 241, 206.

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

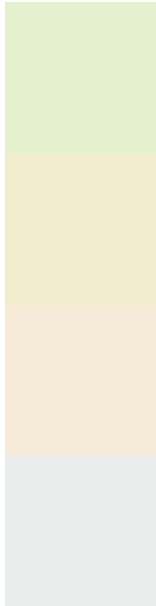




Tritanopia

236, 234, 253

Trichromacy



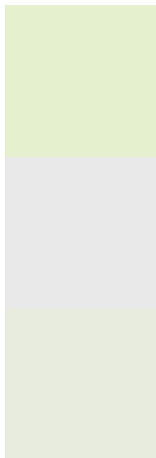
Original Color
229, 241, 206

Protanomaly
241, 237, 204

Deuteranomaly
246, 235, 216

Tritanomaly
233, 237, 236

Monochromacy



Original Color
229, 241, 206

Achromatopsia
233, 233, 233

Achromatomaly
232, 236, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 241, 206 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(229, 241, 206)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 206)  
}
```

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(229, 241, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 206) }
```

Border

The CSS property to change the border of an element to RGB 229, 241, 206 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(229, 241, 206) }
```

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

```
.border{ border-color:rgb(229, 241, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 206);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 229, 241, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 206) }
```

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

```
.background{ background-color: rgb(229,  
241, 206) }
```

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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