

Converting Colors

RGB(230, 235, 199)

Have a look what the booklet for
RGB(230, 235, 199) contains.

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Color

RGB(230, 235, 199)

Conversions

Conversions Part 1

Format	Color
Hex	E6EBC7
RGB	230, 235, 199
RGB Percent	90%, 92%, 78%
CMY	0.0980, 0.0784, 0.2196
CMYK	0.02, 0.00, 0.15, 0.08
HSL	68°, 47%, 85%
HSV	68°, 15%, 92%
XYZ	72.6503, 80.3632, 65.7154
YIQ	229.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

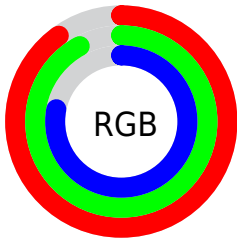
Format	Color
RYB	199, 235, 204
Decimal	15133639
CIELab	91.85, -7.70, 16.93
CIELCh	92, 18.595, 114.458
Yxy	80.3632, 0.3321, 0.3674
Android (android.graphics.Color)	4293323719 (0xFFE6EBC7)
YUV	229.4010, -14.9877, 0.5253
Hunter-Lab	89.6455, -12.2202, 19.2888

Details

The RGB color **230, 235, 199** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **204, 199, 235**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 179, 145** is the 20% darker color. If you saturate the color by 10%, you get **227, 235, 176**, and if you desaturate by 10%, it is **233, 235, 223**.

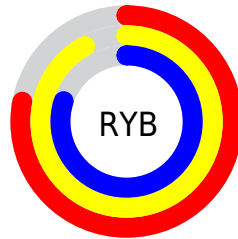
Distribution



Red (90%)

Green (92%)

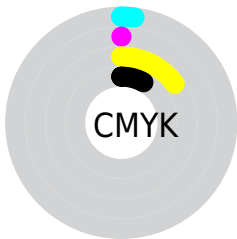
Blue (78%)



Red (78%)

Yellow (92%)

Blue (80%)

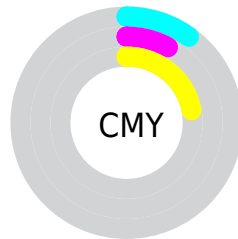


Cyan (2%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (10%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 235, 199 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 230, 235, 199 by changing the saturation by 10% instead.

■ 230, 235, 199

255, 255, 255

■ 230, 235, 199

■ 202, 207, 172

■ 174, 179, 145

■ 148, 153, 119

■ 122, 127, 94

■ 97, 102, 71

■ 73, 78, 48

■ 50, 55, 27

■ 29, 34, 1

■ 0, 12, 0

 230, 235, 199

 230, 235, 199

 227, 235, 176

 233, 235, 223

 223, 235, 152

 237, 235, 246

 220, 235, 129


 240, 235, 255

 217, 235, 105

 243, 235, 255

 214, 235, 82

 246, 235, 255

 210, 235, 58

 250, 235, 255

 207, 235, 35

 253, 235, 255

 204, 235, 11

 255, 235, 255

 202, 235, 0

Harmonies

Analogous

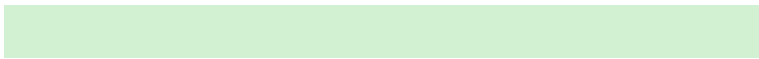
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 229, 196



230, 235, 199



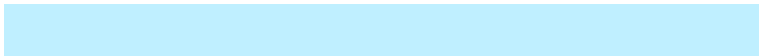
210, 240, 210

Triad

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



230, 235, 199



191, 239, 255



255, 220, 236

Complementary

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



230, 235, 199



204, 199, 235

Split Complementary

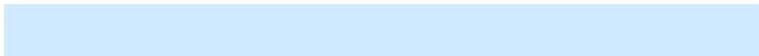
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 223, 253



230, 235, 199



208, 234, 255

Square

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



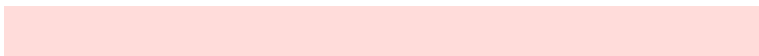
230, 235, 199



185, 242, 246



231, 228, 255



255, 220, 218

Rectangle

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



230, 235, 199



198, 241, 221



231, 228, 255



255, 220, 242

Sweetspot

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



230, 235, 199



253, 255, 242



235, 204, 199



126, 128, 120



0, 0, 0



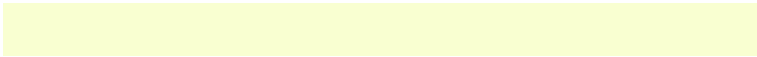
128, 128, 128

Same Dimension

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



230, 235, 199



249, 255, 209



212, 235, 199



116, 117, 106



156, 181, 0



46, 54, 0

Inverse Universe

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



204, 199, 235



215, 209, 255



222, 199, 235



107, 106, 117



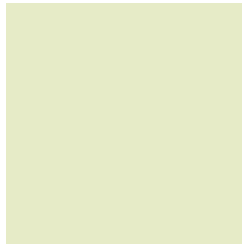
25, 0, 181



7, 0, 54

Previews

White Background



This preview shows how the RGB color 230, 235, 199 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 230, 235, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

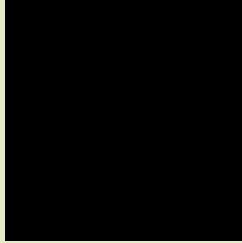
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

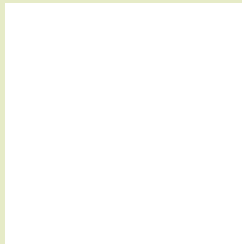
Any Text WCAG AAA ✓ Pass

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

RGB 230, 235, 199 Background



This preview shows how black text looks on a background with the RGB color 230, 235, 199.

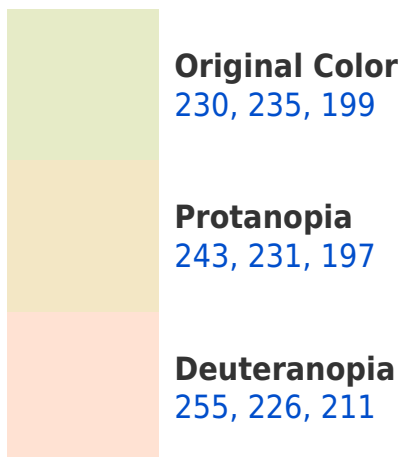


This preview shows how white text looks on a background with the RGB color 230, 235, 199.

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](#).

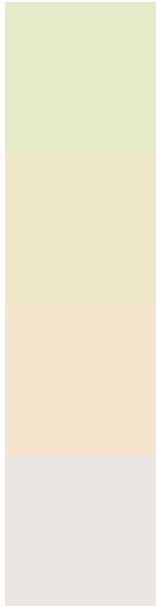
Dichromacy





Tritanopia
237, 228, 246

Trichromacy



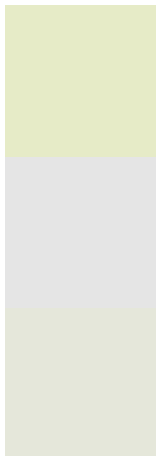
Original Color
230, 235, 199

Protanomaly
238, 232, 198

Deuteranomaly
246, 229, 207

Tritanomaly
234, 231, 229

Monochromacy



Original Color
230, 235, 199

Achromatopsia
229, 229, 229

Achromatomaly
229, 231, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 235, 199 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(230, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 235, 199)  
}
```

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(230, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 235, 199) }
```

Border

The CSS property to change the border of an element to RGB 230, 235, 199 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(230, 235, 199) }
```

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

```
.border{ border-color:rgb(230, 235, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 235, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 235,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 230, 235, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 235, 199) }
```

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

```
.background{ background-color: rgb(230,  
235, 199) }
```

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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