

Converting Colors

RGB(230, 233, 193)

Have a look what the booklet for
RGB(230, 233, 193) contains.

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Color

RGB(230, 233, 193)

Conversions

Conversions Part 1

Format	Color
Hex	E6E9C1
RGB	230, 233, 193
RGB Percent	90%, 91%, 76%
CMY	0.0980, 0.0863, 0.2431
CMYK	0.01, 0.00, 0.17, 0.09
HSL	64°, 48%, 84%
HSV	64°, 17%, 91%
XYZ	71.3977, 78.9511, 61.9281
YIQ	227.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

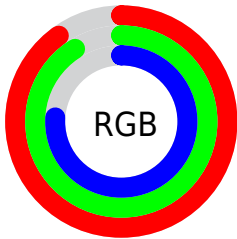
Format	Color
RYB	193, 233, 196
Decimal	15133121
CIELab	91.21, -7.60, 19.14
CIELCh	91, 20.597, 111.661
Yxy	78.9511, 0.3363, 0.3719
Android (android.graphics.Color)	4293323201 (0xFFE6E9C1)
YUV	227.5430, -17.0297, 2.1548
Hunter-Lab	88.8544, -12.0641, 20.8753

Details

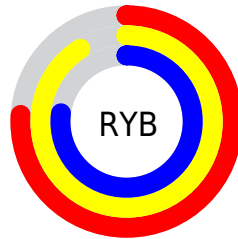
The RGB color **230, 233, 193** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **196, 193, 233**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 250, and **174, 177, 139** is the 20% darker color. If you saturate the color by 10%, you get **228, 233, 170**, and if you desaturate by 10%, it is **232, 233, 216**.

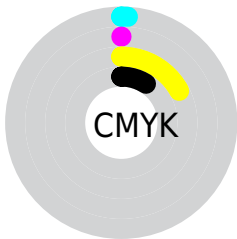
Distribution



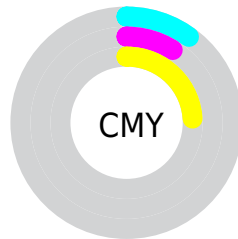
- Red (90%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 233, 193 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, 233, 193 by changing the saturation by 10% instead.


 230, 233, 193

255, 255, 255


 255, 255, 250

 230, 233, 193

 202, 205, 166

 174, 177, 139

 147, 151, 114

 121, 125, 89

 96, 100, 65

 72, 76, 43

 49, 53, 22

 29, 32, 0

 0, 8, 0

 230, 233, 193

 230, 233, 193

 228, 233, 170

 232, 233, 216

 227, 233, 146


 233, 233, 240

 225, 233, 123


 235, 233, 255

 223, 233, 100


 237, 233, 255

 221, 233, 77


 239, 233, 255

 220, 233, 53

 240, 233, 255

 218, 233, 30

 242, 233, 255

 216, 233, 7

 244, 233, 255

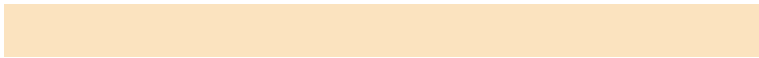
 216, 233, 0

 246, 233, 255

Harmonies

Analogous

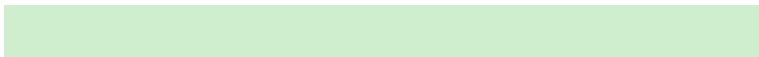
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 227, 191



230, 233, 193



207, 238, 205

Triad

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



230, 233, 193



183, 238, 255



255, 217, 236

Complementary

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



230, 233, 193



196, 193, 233

Split Complementary

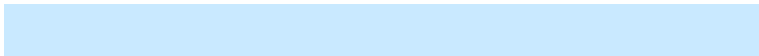
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 220, 255



230, 233, 193



201, 233, 255

Square

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



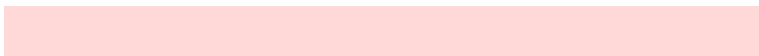
230, 233, 193



178, 241, 244



226, 227, 255



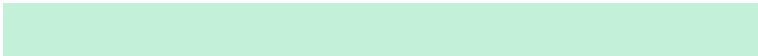
255, 217, 216

Rectangle

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



230, 233, 193



194, 240, 217



226, 227, 255



255, 217, 243

Sweetspot

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



230, 233, 193



254, 255, 242



233, 196, 193



127, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



230, 233, 193



251, 255, 201



210, 233, 193



116, 117, 106



167, 181, 0



50, 54, 0

Inverse Universe

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



196, 193, 233



205, 201, 255



216, 193, 233



106, 106, 117



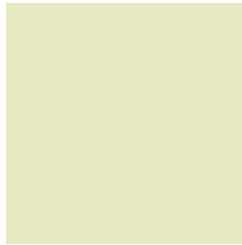
14, 0, 181



4, 0, 54

Previews

White Background



This preview shows how the RGB color 230, 233, 193 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, 233, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

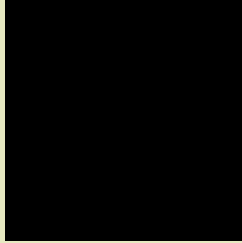
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

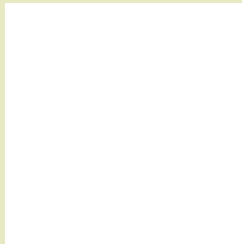
Any Text WCAG AAA ✓ Pass

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

RGB 230, 233, 193 Background



This preview shows how black text looks on a background with the RGB color 230, 233, 193.



This preview shows how white text looks on a background with the RGB color 230, 233, 193.

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

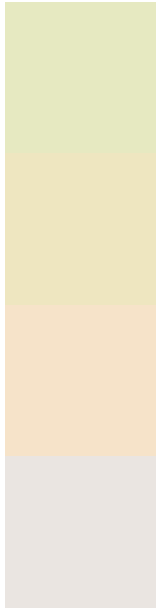




Tritanopia

237, 226, 244

Trichromacy



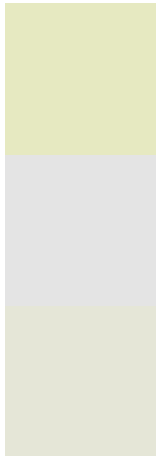
Original Color
230, 233, 193

Protanomaly
238, 230, 192

Deuteranomaly
246, 227, 201

Tritanomaly
234, 229, 225

Monochromacy



Original Color
230, 233, 193

Achromatopsia
228, 228, 228

Achromatomaly
229, 230, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 233, 193 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, 233, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 193)  
}
```

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, 233, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 193) }
```

Border

The CSS property to change the border of an element to RGB 230, 233, 193 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, 233, 193) }
```

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

```
.border{ border-color:rgb(230, 233, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 230, 233, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 193) }
```

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

```
.background{ background-color: rgb(230,  
233, 193) }
```

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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