

Converting Colors

RGB(231, 237, 200)

Have a look what the booklet for
RGB(231, 237, 200) contains.

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Color

RGB(231, 237, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E7EDC8
RGB	231, 237, 200
RGB Percent	91%, 93%, 78%
CMY	0.0941, 0.0706, 0.2157
CMYK	0.03, 0.00, 0.16, 0.07
HSL	70°, 51%, 86%
HSV	70°, 16%, 93%
XYZ	73.6645, 81.7274, 66.5360
YIQ	230.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

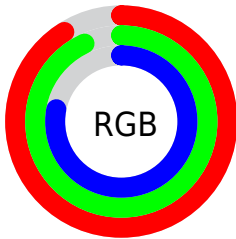
Format	Color
RYB	200, 237, 206
Decimal	15199688
CIELab	92.45, -8.20, 17.27
CIELCh	92, 19.118, 115.388
Yxy	81.7274, 0.3319, 0.3683
Android (android.graphics.Color)	4293389768 (0xFFE7EDC8)
YUV	230.9880, -15.2771, 0.0105
Hunter-Lab	90.4032, -12.7560, 19.6453

Details

The RGB color **231, 237, 200** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **206, 200, 237**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 181, 146** is the 20% darker color. If you saturate the color by 10%, you get **227, 237, 176**, and if you desaturate by 10%, it is **235, 237, 224**.

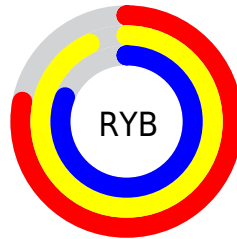
Distribution



Red (91%)

Green (93%)

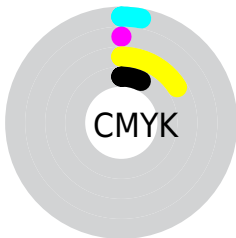
Blue (78%)



Red (78%)

Yellow (93%)

Blue (81%)

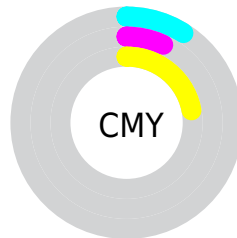


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 237, 200 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 231, 237, 200 by changing the saturation by 10% instead.

■ 231, 237, 200

255, 255, 255

■ 231, 237, 200

■ 203, 209, 173

■ 175, 181, 146

■ 148, 154, 120

■ 123, 128, 95

■ 97, 103, 71

■ 73, 79, 49

■ 50, 56, 27

■ 30, 35, 2

■ 0, 14, 0

 231, 237, 200

 231, 237, 200

 227, 237, 176

 235, 237, 224

 223, 237, 153

 239, 237, 247

 219, 237, 129


 243, 237, 255

 216, 237, 105

 246, 237, 255

 212, 237, 82


 250, 237, 255

 208, 237, 58

 254, 237, 255

 204, 237, 34

 255, 237, 255

 200, 237, 10

 199, 237, 0

Harmonies

Analogous

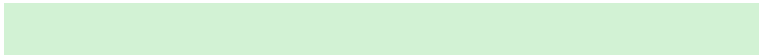
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 231, 197



231, 237, 200



210, 242, 212

Triad

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



231, 237, 200



192, 241, 255



255, 221, 237

Complementary

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



231, 237, 200



206, 200, 237

Split Complementary

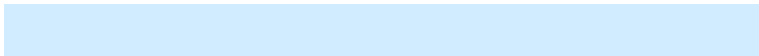
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 224, 254



231, 237, 200



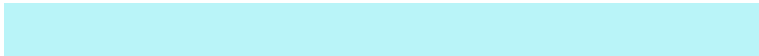
210, 236, 255

Square

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



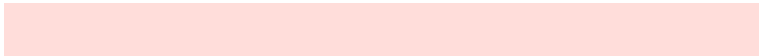
231, 237, 200



185, 244, 248



233, 230, 255



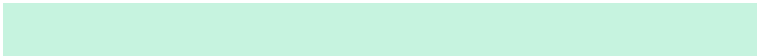
255, 221, 218

Rectangle

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



231, 237, 200



198, 243, 223



233, 230, 255



255, 222, 243

Sweetspot

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



231, 237, 200



253, 255, 242



237, 206, 200



126, 128, 120



0, 0, 0



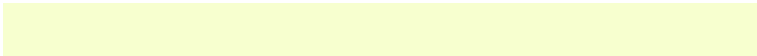
128, 128, 128

Same Dimension

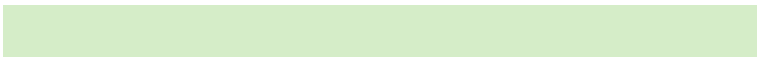
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 237, 200



247, 255, 207



213, 237, 200



115, 117, 106



152, 181, 0



45, 54, 0

Inverse Universe

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



206, 200, 237



214, 207, 255



224, 200, 237



107, 106, 117



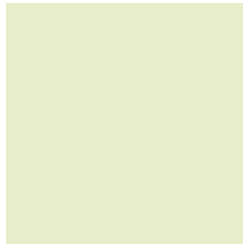
29, 0, 181



9, 0, 54

Previews

White Background



This preview shows how the RGB color 231, 237, 200 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 231, 237, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

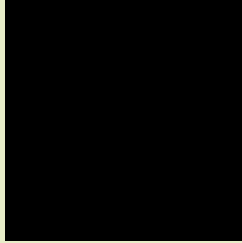
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

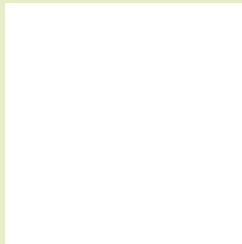
Any Text WCAG AAA ✓ Pass

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

RGB 231, 237, 200 Background



This preview shows how black text looks on a background with the RGB color 231, 237, 200.



This preview shows how white text looks on a background with the RGB color 231, 237, 200.

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

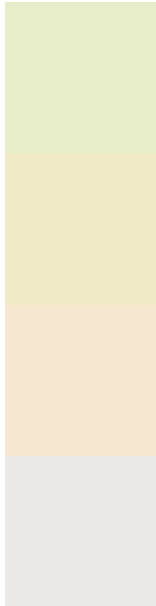




Tritanopia

238, 230, 248

Trichromacy



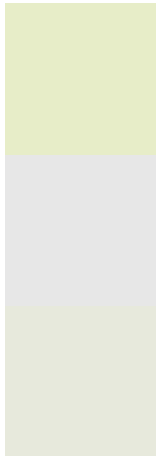
Original Color
231, 237, 200

Protanomaly
240, 234, 199

Deuteranomaly
246, 231, 209

Tritanomaly
235, 233, 231

Monochromacy



Original Color
231, 237, 200

Achromatopsia
231, 231, 231

Achromatomaly
231, 233, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 237, 200 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(231, 237, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 237, 200)  
}
```

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(231, 237, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 237, 200) }
```

Border

The CSS property to change the border of an element to RGB 231, 237, 200 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(231, 237, 200) }
```

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

```
.border{ border-color:rgb(231, 237, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 237, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 237, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 237, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 237,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 231, 237, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 237, 200) }
```

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

```
.background{ background-color: rgb(231,  
237, 200) }
```

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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