

Converting Colors

RGB(234, 238, 231)

Have a look what the booklet for
RGB(234, 238, 231) contains.

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Color

RGB(234, 238, 231)

Conversions

Conversions Part 1

Format	Color
Hex	EAEED7
RGB	234, 238, 231
RGB Percent	92%, 93%, 91%
CMY	0.0824, 0.0667, 0.0941
CMYK	0.02, 0.00, 0.03, 0.07
HSL	94°, 17%, 92%
HSV	94°, 3%, 93%
XYZ	78.9300, 84.4110, 87.7342
YIQ	236.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

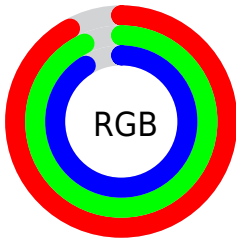
Format	Color
R _Y B	231, 238, 235
Decimal	15396583
CIE Lab	93.63, -2.57, 2.91
CIE LCh	94, 3.877, 131.444
Yxy	84.4110, 0.3144, 0.3362
Android (android.graphics.Color)	4293586663 (0xFFEAEDE7)
YUV	236.0060, -2.4680, -1.7593
Hunter-Lab	91.8755, -7.4331, 7.6953

Details

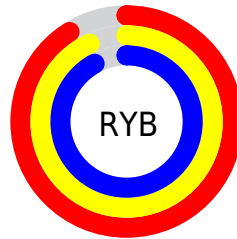
The RGB color **234, 238, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 231, 238**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 182, 175** is the 20% darker color. If you saturate the color by 10%, you get **220, 238, 207**, and if you desaturate by 10%, it is **248, 238, 255**.

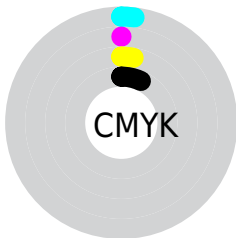
Distribution



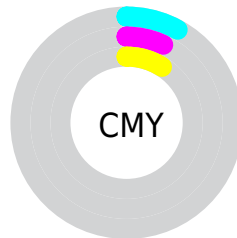
- Red (92%)
- Green (93%)
- Blue (91%)



- Red (91%)
- Yellow (93%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 238, 231 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, 238, 231 by changing the saturation by 10% instead.

■ 234, 238, 231

255, 255, 255

■ 234, 238, 231

■ 206, 210, 203

■ 178, 182, 175

■ 152, 155, 149

■ 126, 129, 123

■ 101, 104, 98

■ 77, 80, 74

■ 54, 57, 52

■ 33, 36, 31

■ 10, 14, 6

 234, 238, 231

 234, 238, 231

 220, 238, 207

 248, 238, 255


 207, 238, 183

 255, 238, 255

 193, 238, 160

 180, 238, 136

 166, 238, 112

 152, 238, 88

 139, 238, 64

 125, 238, 41

 112, 238, 17

Harmonies

Analogous

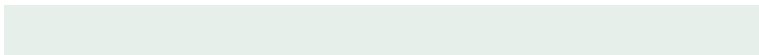
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 237, 229



234, 238, 231



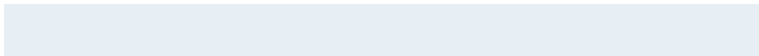
230, 239, 234

Triad

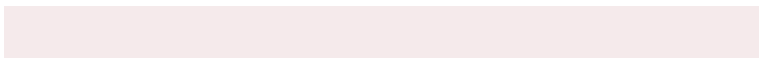
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 238, 231



231, 238, 244



245, 234, 235

Complementary

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



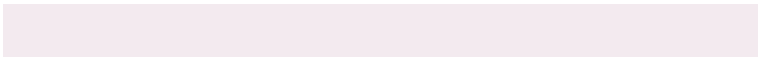
234, 238, 231



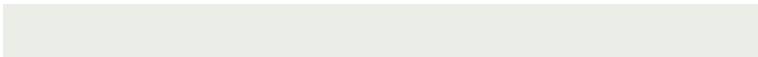
235, 231, 238

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.



243, 234, 239



234, 238, 231



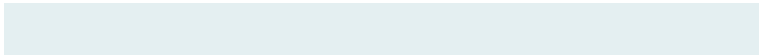
235, 236, 244

Square

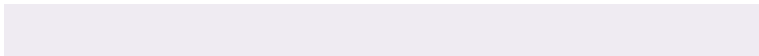
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



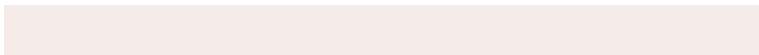
234, 238, 231



228, 239, 241



239, 235, 242



245, 235, 232

Rectangle

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



234, 238, 231



229, 239, 237



239, 235, 242



245, 234, 237

Sweetspot

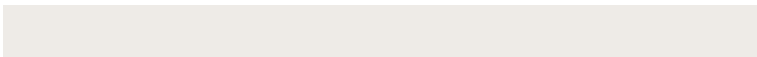
The Sweet Spot groups the original color and five complimentary colors.



234, 238, 231



254, 255, 252



238, 235, 231



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



234, 238, 231



249, 255, 245



231, 238, 231



116, 120, 114



79, 184, 0



24, 56, 0

Inverse Universe

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



235, 231, 238



251, 245, 255



238, 231, 238



117, 114, 120



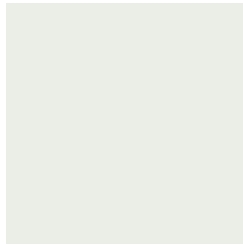
105, 0, 184



32, 0, 56

Previews

White Background



This preview shows how the RGB color 234, 238, 231 looks on a white background.

Color Contrast Check

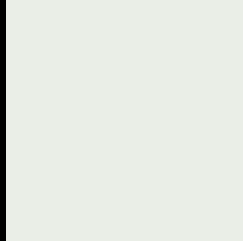
Large Text (above 18pt) WCAG AA × Fail

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, 238, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

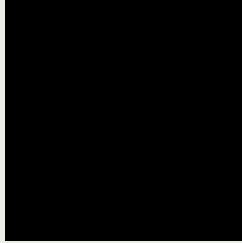
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

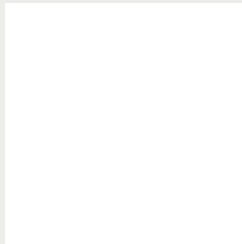
Any Text WCAG AAA ✓ Pass

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

RGB 234, 238, 231 Background



This preview shows how black text looks on a background with the RGB color 234, 238, 231.



This preview shows how white text looks on a background with the RGB color 234, 238, 231.

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](#).

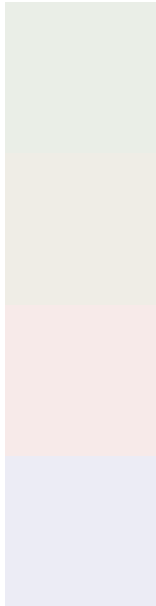
Dichromacy





Tritanopia
237, 235, 253

Trichromacy



Original Color

234, 238, 231

Protanomaly

239, 237, 230

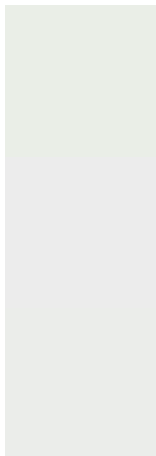
Deuteranomaly

247, 234, 233

Tritanomaly

236, 236, 245

Monochromacy



Original Color

234, 238, 231

Achromatopsia

236, 236, 236

Achromatomaly

235, 237, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 238, 231 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, 238, 231) looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 231)  
}
```

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, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 231) }
```

Border

The CSS property to change the border of an element to RGB 234, 238, 231 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, 238, 231) }
```

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

```
.border{ border-color:rgb(234, 238, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 238, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 238,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 234, 238, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 238, 231) }
```

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

```
.background{ background-color: rgb(234,  
238, 231) }
```

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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