

Converting Colors

RGB(232, 235, 231)

Have a look what the booklet for
RGB(232, 235, 231) contains.

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Color

RGB(232, 235, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E8EBE7
RGB	232, 235, 231
RGB Percent	91%, 92%, 91%
CMY	0.0902, 0.0784, 0.0941
CMYK	0.01, 0.00, 0.02, 0.08
HSL	105°, 9%, 91%
HSV	105°, 2%, 92%
XYZ	77.4108, 82.3420, 87.4149
YIQ	233.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

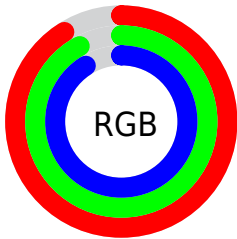
Format	Color
R_{YB}	231, 235, 234
Decimal	15264743
CIE _{Lab}	92.73, -1.71, 1.58
CIE _{LCh}	93, 2.324, 137.317
Yxy	82.3420, 0.3132, 0.3331
Android (android.graphics.Color)	4293454823 (0xFFE8EBE7)
YUV	233.6470, -1.3050, -1.4444
Hunter-Lab	90.7425, -6.5241, 6.4039

Details

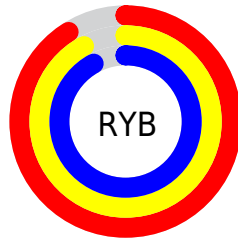
The RGB color `232, 235, 231` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `234, 231, 235`, and the grayscale version is `234, 234, 234`.

A 20% lighter version of the original color is `255, 255, 255`, and `176, 179, 175` is the 20% darker color. If you saturate the color by 10%, you get `214, 235, 208`, and if you desaturate by 10%, it is `250, 235, 255`.

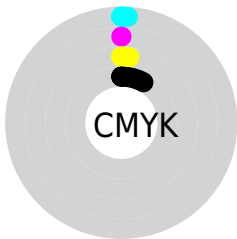
Distribution



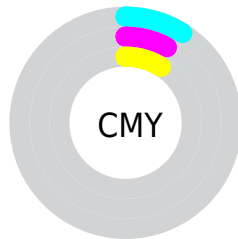
- Red (91%)
- Green (92%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 235, 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 232, 235, 231 by changing the saturation by 10% instead.

■ 232, 235, 231

255, 255, 255

■ 232, 235, 231

■ 204, 207, 203

■ 176, 179, 175

■ 150, 153, 149

■ 124, 127, 123

■ 99, 102, 98

■ 75, 78, 74

■ 53, 55, 52

■ 31, 34, 31

■ 7, 11, 6

 232, 235, 231

 232, 235, 231

 214, 235, 208

 250, 235, 255


 197, 235, 184

 255, 235, 255

 179, 235, 161

 162, 235, 137

 144, 235, 114

 126, 235, 90

 109, 235, 67

 91, 235, 43

 73, 235, 20

Harmonies

Analogous

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



235, 234, 230



232, 235, 231



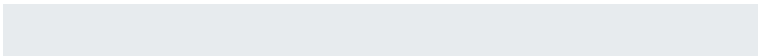
230, 235, 233

Triad

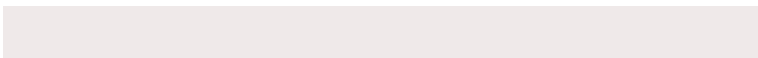
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 235, 231



231, 235, 238



239, 233, 233

Complementary

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



232, 235, 231



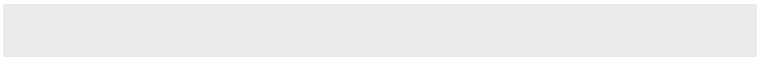
234, 231, 235

Split Complementary

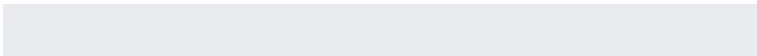
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238, 233, 235



232, 235, 231



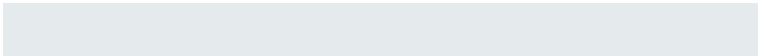
233, 234, 238

Square

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



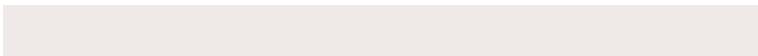
232, 235, 231



229, 235, 237



236, 233, 237



239, 233, 231

Rectangle

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



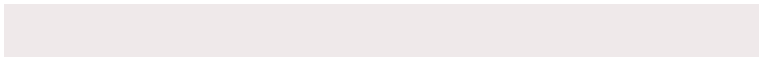
232, 235, 231



229, 236, 235



236, 233, 237



239, 233, 234

Sweetspot

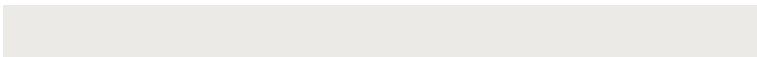
The Sweet Spot groups the original color and five complimentary colors.



232, 235, 231



253, 255, 252



235, 234, 231



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

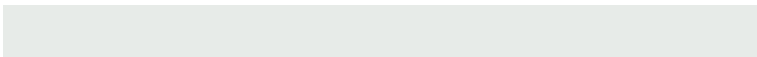
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 235, 231



251, 255, 250



231, 235, 232



116, 117, 115



45, 181, 0



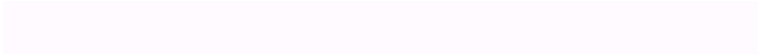
13, 54, 0

Inverse Universe

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



234, 231, 235



254, 250, 255



235, 231, 234



117, 115, 117



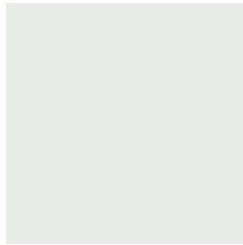
136, 0, 181



40, 0, 54

Previews

White Background



This preview shows how the RGB color 232, 235, 231 looks on a white background.

Color Contrast Check

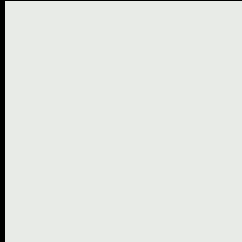
Large Text (above 18pt) WCAG AA × Fail

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 232, 235, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

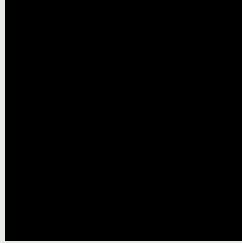
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

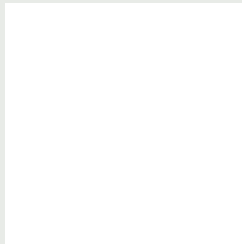
Any Text WCAG AAA ✓ Pass

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

RGB 232, 235, 231 Background



This preview shows how black text looks on a background with the RGB color 232, 235, 231.

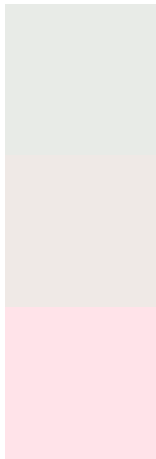


This preview shows how white text looks on a background with the RGB color 232, 235, 231.

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



Original Color
232, 235, 231

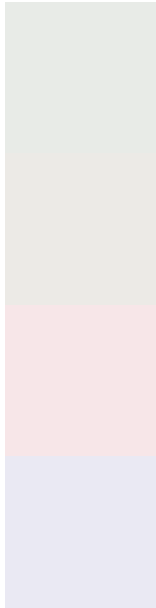
Protanopia
239, 233, 230

Deuteranopia
255, 227, 233



Tritanopia
235, 232, 250

Trichromacy



Original Color

232, 235, 231

Protanomaly

236, 234, 230

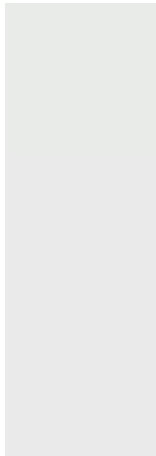
Deuteranomaly

247, 230, 232

Tritanomaly

234, 233, 243

Monochromacy



Original Color

232, 235, 231

Achromatopsia

234, 234, 234

Achromatomaly

233, 234, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 235, 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(232, 235, 231) looks like.

```
.text, #text, p{  
    color:rgb(232, 235, 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(232, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 235, 231) }
```

Border

The CSS property to change the border of an element to RGB 232, 235, 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(232, 235, 231) }
```

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

```
.border{ border-color:rgb(232, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 235,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 232, 235, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 235, 231) }
```

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

```
.background{ background-color: rgb(232,  
235, 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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