

Converting Colors

RGB(236, 231, 232)

Have a look what the booklet for
RGB(236, 231, 232) contains.

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Color

RGB(236, 231, 232)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7E8
RGB	236, 231, 232
RGB Percent	93%, 91%, 91%
CMY	0.0745, 0.0941, 0.0902
CMYK	0.00, 0.02, 0.02, 0.07
HSL	348°, 12%, 92%
HSV	348°, 2%, 93%
XYZ	77.7335, 80.8109, 87.8450
YIQ	232.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

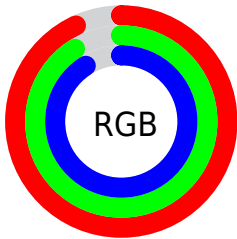
Format	Color
R _Y B	236, 231, 232
Decimal	15525864
CIE Lab	92.05, 1.86, 0.10
CIE LCh	92, 1.865, 3.132
Yxy	80.8109, 0.3155, 0.3280
Android (android.graphics.Color)	4293715944 (0xFFECE7E8)
YUV	232.6090, -0.3002, 2.9739
Hunter-Lab	89.8949, -2.9644, 4.9884

Details

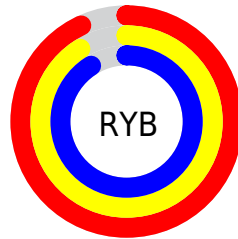
The RGB color `236, 231, 232` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `231, 236, 235`, and the grayscale version is `233, 233, 233`.

A 20% lighter version of the original color is `255, 255, 255`, and `180, 175, 176` is the 20% darker color. If you saturate the color by 10%, you get `236, 207, 213`, and if you desaturate by 10%, it is `236, 255, 251`.

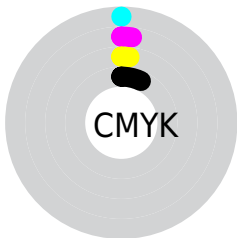
Distribution



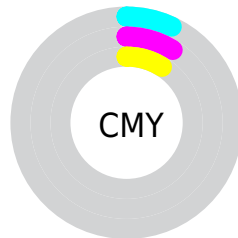
- Red (93%)
- Green (91%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 231, 232 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 236, 231, 232 by changing the saturation by 10% instead.

■ 236, 231, 232

255, 255, 255

■ 236, 231, 232

■ 208, 203, 204

■ 180, 175, 176

■ 153, 149, 150

■ 128, 123, 124

■ 102, 98, 99

■ 78, 74, 75

■ 56, 52, 53

■ 34, 31, 31


■ 12, 6, 7

 236, 231, 232

 236, 231, 232

 236, 207, 213

 236, 255, 251

 236, 184, 194

 236, 255, 255

 236, 160, 175

 236, 137, 156

 236, 113, 138

 236, 89, 119

 236, 66, 100

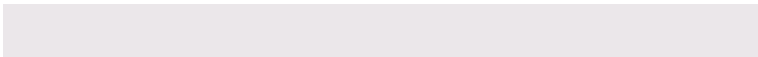
 236, 42, 81

 236, 19, 62

Harmonies

Analogous

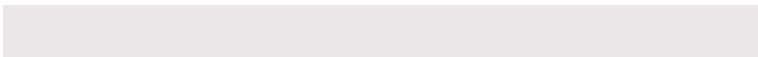
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 231, 234



236, 231, 232



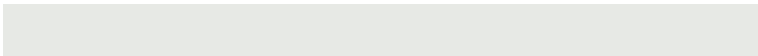
236, 231, 230

Triad

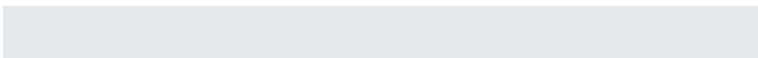
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 231, 232



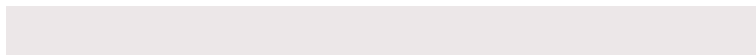
231, 233, 229



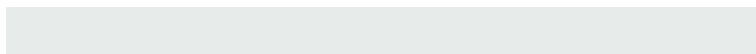
229, 233, 235

Complementary

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



236, 231, 232



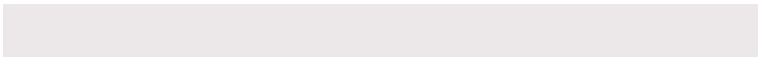
231, 236, 235

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.



228, 233, 234



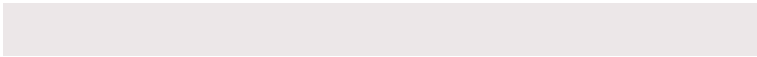
236, 231, 232



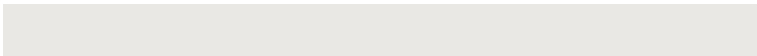
230, 233, 230

Square

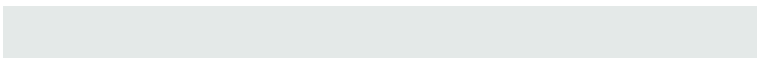
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



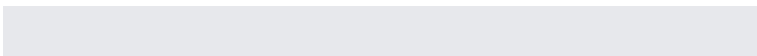
236, 231, 232



234, 232, 229



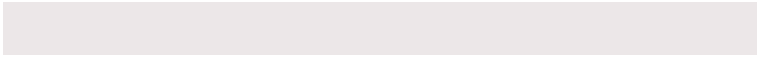
228, 233, 232



231, 232, 236

Rectangle

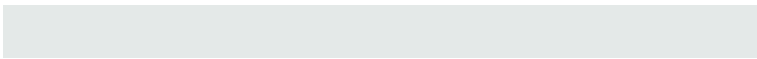
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



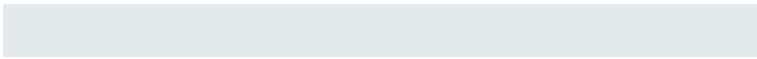
236, 231, 232



236, 231, 229



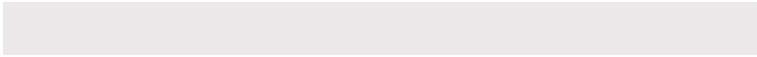
228, 233, 232



228, 233, 235

Sweetspot

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



236, 231, 232



255, 252, 253



235, 231, 236



128, 126, 126



0, 0, 0



128, 128, 128

Same Dimension

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



236, 231, 232



255, 247, 249



236, 232, 231



117, 113, 114



181, 0, 36



54, 0, 11

Inverse Universe

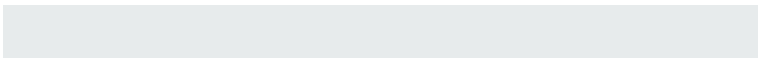
The Inverse Universe completely reimagines the original color for something new.



236, 231, 232



255, 247, 249



231, 235, 236



117, 113, 114



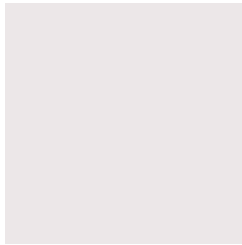
181, 0, 36



54, 0, 11

Previews

White Background



This preview shows how the RGB color 236, 231, 232 looks on a white background.

Color Contrast Check

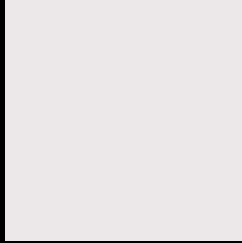
Large Text (above 18pt) WCAG AA × Fail

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 236, 231, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

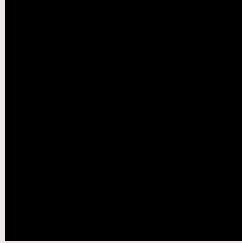
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

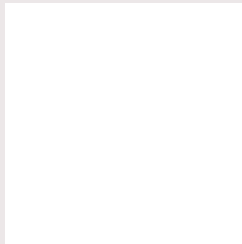
Any Text WCAG AAA ✓ Pass

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

RGB 236, 231, 232 Background



This preview shows how black text looks on a background with the RGB color 236, 231, 232.

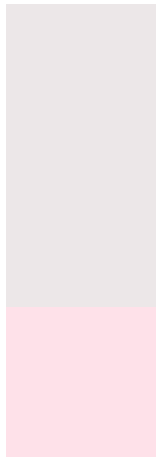


This preview shows how white text looks on a background with the RGB color 236, 231, 232.

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
236, 231, 232

Protanopia
236, 231, 232

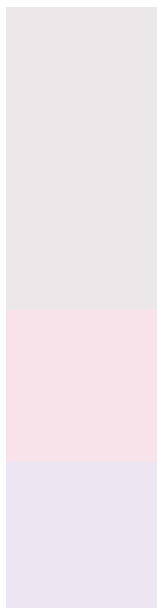
Deuteranopia
254, 225, 233



Tritanopia

238, 229, 247

Trichromacy



Original Color

236, 231, 232

Protanomaly

236, 231, 232

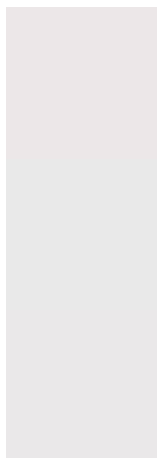
Deuteranomaly

247, 227, 233

Tritanomaly

237, 230, 242

Monochromacy



Original Color

236, 231, 232

Achromatopsia

233, 233, 233

Achromatomaly

234, 232, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 231, 232 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(236, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 232)  
}
```

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(236, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 232) }
```

Border

The CSS property to change the border of an element to RGB 236, 231, 232 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(236, 231, 232) }
```

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

```
.border{ border-color:rgb(236, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 236, 231, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 232) }
```

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

```
.background{ background-color: rgb(236,  
231, 232) }
```

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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