

Converting Colors

RGB(234, 233, 245)

Have a look what the booklet for
RGB(234, 233, 245) contains.

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Color

RGB(234, 233, 245)

Conversions

Conversions Part 1

Format	Color
Hex	EAE9F5
RGB	234, 233, 245
RGB Percent	92%, 91%, 96%
CMY	0.0824, 0.0863, 0.0392
CMYK	0.04, 0.05, 0.00, 0.04
HSL	245°, 38%, 94%
HSV	245°, 5%, 96%
XYZ	79.5520, 82.3628, 98.0910
YIQ	234.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

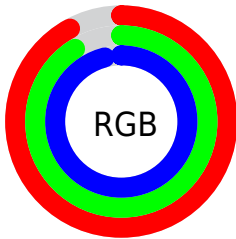
Format	Color
R _Y B	234, 233, 245
Decimal	15395317
CIE Lab	92.73, 2.52, -5.69
CIE LCh	93, 6.220, 293.883
Yxy	82.3628, 0.3060, 0.3168
Android (android.graphics.Color)	4293585397 (0xFFEAE9F5)
YUV	234.6670, 5.0942, -0.5850
Hunter-Lab	90.7540, -2.3520, -0.5555

Details

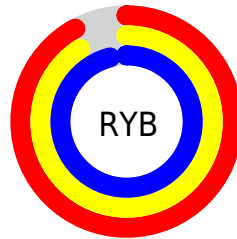
The RGB color `234, 233, 245` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `244, 245, 233`, and the grayscale version is `235, 235, 235`.

A 20% lighter version of the original color is `255, 255, 255`, and `178, 177, 189` is the 20% darker color. If you saturate the color by 10%, you get `212, 209, 245`, and if you desaturate by 10%, it is `255, 255, 245`.

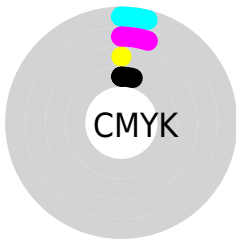
Distribution



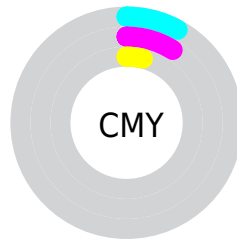
- Red (92%)
- Green (91%)
- Blue (96%)



- Red (92%)
- Yellow (91%)
- Blue (96%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 233, 245 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, 233, 245 by changing the saturation by 10% instead.

■ 234, 233, 245

255, 255, 255

■ 234, 233, 245

■ 206, 205, 217

■ 178, 177, 189

■ 152, 151, 162

■ 126, 125, 136

■ 101, 100, 110

■ 77, 76, 86

■ 54, 53, 63

■ 33, 32, 41

■ 10, 9, 21


 234, 233, 245


 234, 233, 245


 212, 209, 245

 255, 255, 245

 189, 184, 245

 167, 160, 245


 144, 135, 245

 122, 110, 245

 99, 86, 245

 77, 61, 245

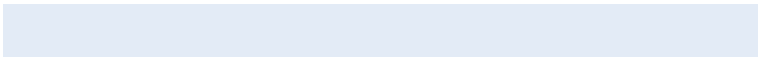
 54, 37, 245

 32, 12, 245

Harmonies

Analogous

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



227, 235, 246



234, 233, 245



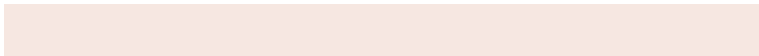
241, 231, 241

Triad

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



234, 233, 245



246, 231, 225



222, 238, 233

Complementary

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



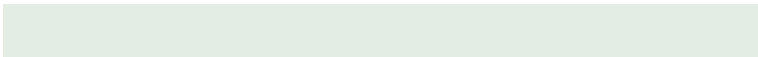
234, 233, 245



244, 245, 233

Split Complementary

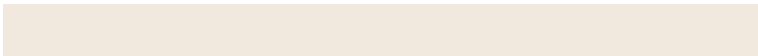
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 237, 227



234, 233, 245



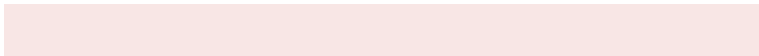
241, 233, 222

Square

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



234, 233, 245



248, 230, 229



234, 235, 223



220, 238, 239

Rectangle

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



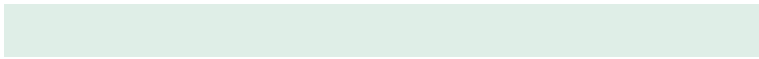
234, 233, 245



245, 231, 238



234, 235, 223



223, 238, 231

Sweetspot

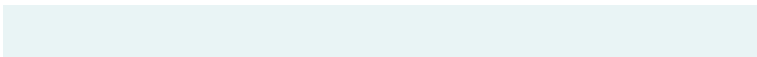
The Sweet Spot groups the original color and five complimentary colors.



234, 233, 245



253, 252, 255



233, 244, 245



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 233, 245



241, 240, 255



240, 233, 245



115, 114, 122



16, 0, 186



5, 0, 59

Inverse Universe

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



245, 233, 244



255, 240, 254



238, 245, 233



122, 114, 122



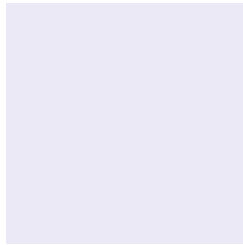
186, 0, 171



59, 0, 54

Previews

White Background



This preview shows how the RGB color 234, 233, 245 looks on a white background.

Color Contrast Check

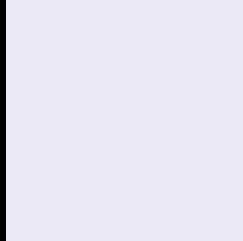
Large Text (above 18pt) WCAG AA × Fail

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, 233, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

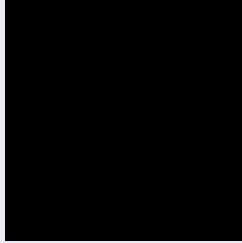
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

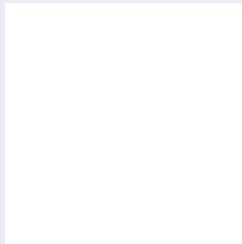
Any Text WCAG AAA ✓ Pass

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

RGB 234, 233, 245 Background



This preview shows how black text looks on a background with the RGB color 234, 233, 245.

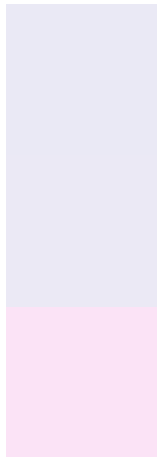


This preview shows how white text looks on a background with the RGB color 234, 233, 245.

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
234, 233, 245

Protanopia
235, 233, 245

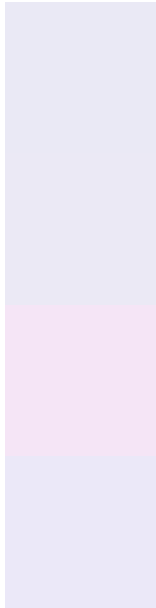
Deuteranopia
251, 227, 246



Tritanopia

235, 232, 250

Trichromacy



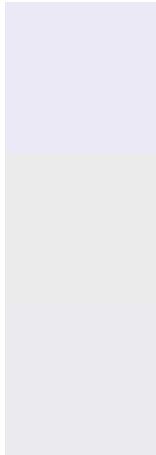
Original Color
234, 233, 245

Protanomaly
235, 233, 245

Deuteranomaly
245, 229, 246

Tritanomaly
235, 232, 248

Monochromacy



Original Color
234, 233, 245

Achromatopsia
235, 235, 235

Achromatomaly
235, 234, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 233, 245 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, 233, 245) looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 245)  
}
```

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, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 245) }
```

Border

The CSS property to change the border of an element to RGB 234, 233, 245 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, 233, 245) }
```

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

```
.border{ border-color:rgb(234, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 234, 233, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 245) }
```

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

```
.background{ background-color: rgb(234,  
233, 245) }
```

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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