

Converting Colors

RGB(237, 233, 240)

Have a look what the booklet for
RGB(237, 233, 240) contains.

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Color

RGB(237, 233, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EDE9F0
RGB	237, 233, 240
RGB Percent	93%, 91%, 94%
CMY	0.0706, 0.0863, 0.0588
CMYK	0.01, 0.03, 0.00, 0.06
HSL	274°, 19%, 93%
HSV	274°, 3%, 94%
XYZ	79.7921, 82.5736, 94.1709
YIQ	234.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

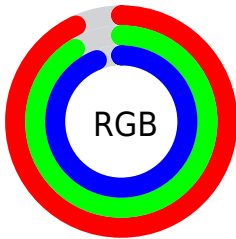
Format	Color
R_{YB}	237, 233, 240
Decimal	15591920
CIE Lab	92.83, 2.59, -2.92
CIE LCh	93, 3.904, 311.604
Yxy	82.5736, 0.3110, 0.3219
Android (android.graphics.Color)	4293782000 (0xFFE9E9F0)
YUV	234.9940, 2.4680, 1.7593
Hunter-Lab	90.8700, -2.2833, 2.1653

Details

The RGB color **237, 233, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 240, 233**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 177, 184** is the 20% darker color. If you saturate the color by 10%, you get **227, 209, 240**, and if you desaturate by 10%, it is **247, 255, 240**.

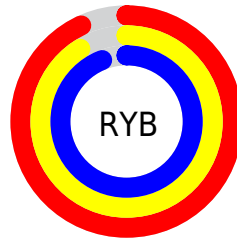
Distribution



Red (93%)

Green (91%)

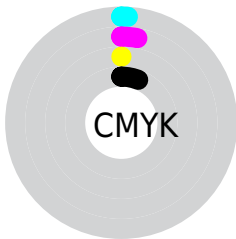
Blue (94%)



Red (93%)

Yellow (91%)

Blue (94%)

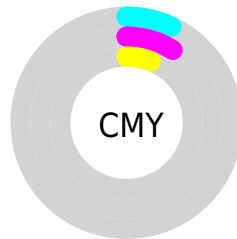


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 233, 240 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 237, 233, 240 by changing the saturation by 10% instead.

■ 237, 233, 240

255, 255, 255

■ 237, 233, 240

■ 209, 205, 212

■ 181, 177, 184

■ 154, 151, 157

■ 128, 125, 131

■ 103, 100, 106

■ 79, 76, 82

■ 56, 53, 59

■ 35, 32, 37

■ 13, 9, 16

 237, 233, 240

 237, 233, 240


 227, 209, 240


 247, 255, 240

 216, 185, 240


 255, 255, 240


 206, 161, 240


 196, 137, 240

 186, 113, 240

 175, 89, 240

 165, 65, 240

 155, 41, 240

 144, 17, 240

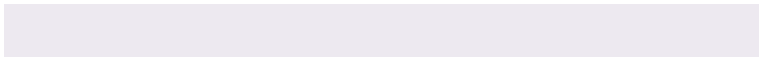
Harmonies

Analogous

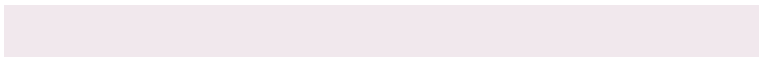
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 234, 242



237, 233, 240



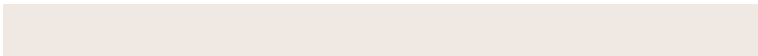
241, 232, 237

Triad

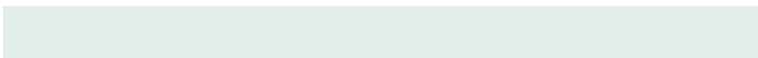
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237, 233, 240



240, 233, 227



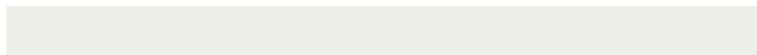
226, 237, 236

Complementary

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



237, 233, 240



236, 240, 233

Split Complementary

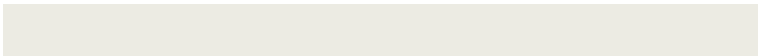
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 237, 232



237, 233, 240



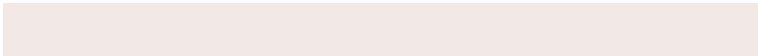
236, 235, 227

Square

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



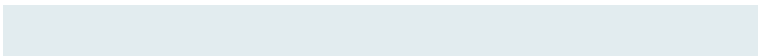
237, 233, 240



242, 232, 230



232, 236, 229



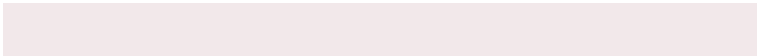
226, 236, 239

Rectangle

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



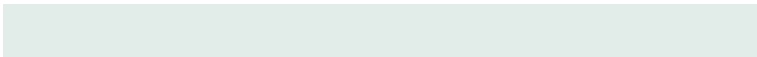
237, 233, 240



242, 232, 234



232, 236, 229



226, 237, 234

Sweetspot

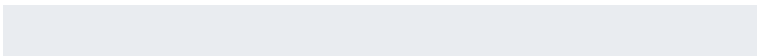
The Sweet Spot groups the original color and five complimentary colors.



237, 233, 240



254, 252, 255



233, 236, 240



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 233, 240



251, 245, 255



240, 233, 240



117, 114, 120



105, 0, 184



32, 0, 56

Inverse Universe

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



240, 233, 236



255, 245, 249



233, 240, 233



120, 114, 116



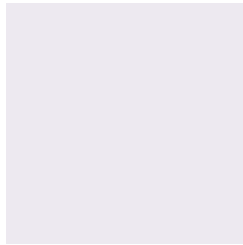
184, 0, 79



56, 0, 24

Previews

White Background



This preview shows how the RGB color 237, 233, 240 looks on a white background.

Color Contrast Check

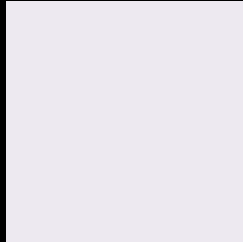
Large Text (above 18pt) WCAG AA × Fail

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 237, 233, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

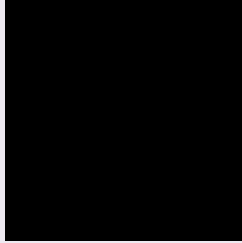
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

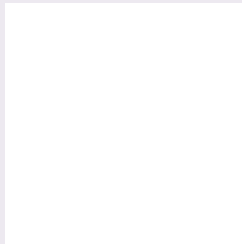
Any Text WCAG AAA ✓ Pass

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

RGB 237, 233, 240 Background



This preview shows how black text looks on a background with the RGB color 237, 233, 240.

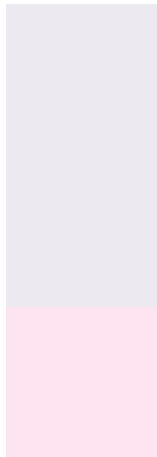


This preview shows how white text looks on a background with the RGB color 237, 233, 240.

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
237, 233, 240

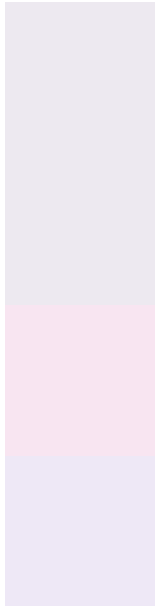
Protanopia
237, 233, 240

Deuteranopia
254, 227, 241



Tritanopia
239, 231, 250

Trichromacy



Original Color

237, 233, 240

Protanomaly

237, 233, 240

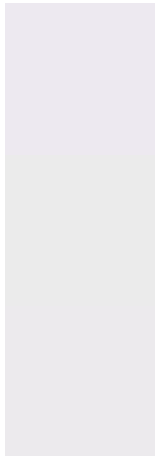
Deuteranomaly

248, 229, 241

Tritanomaly

238, 232, 246

Monochromacy



Original Color

237, 233, 240

Achromatopsia

235, 235, 235

Achromatomaly

236, 234, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 233, 240 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(237, 233, 240) looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 240)  
}
```

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(237, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 240) }
```

Border

The CSS property to change the border of an element to RGB 237, 233, 240 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(237, 233, 240) }
```

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

```
.border{ border-color:rgb(237, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 233,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 237, 233, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 240) }
```

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

```
.background{ background-color: rgb(237,  
233, 240) }
```

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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