

Converting Colors

RGB(235, 232, 240)

Have a look what the booklet for
RGB(235, 232, 240) contains.

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Color

RGB(235, 232, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8F0
RGB	235, 232, 240
RGB Percent	92%, 91%, 94%
CMY	0.0784, 0.0902, 0.0588
CMYK	0.02, 0.03, 0.00, 0.06
HSL	262°, 21%, 93%
HSV	262°, 3%, 94%
XYZ	78.8457, 81.6667, 94.0457
YIQ	233.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

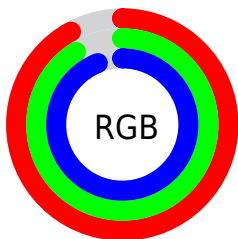
Format	Color
RYP	235, 232, 240
Decimal	15460592
CIE Lab	92.43, 2.44, -3.52
CIE LCh	92, 4.289, 304.738
Yxy	81.6667, 0.3097, 0.3208
Android (android.graphics.Color)	4293650672 (0xFFE8E8F0)
YUV	233.8090, 3.0522, 1.0445
Hunter-Lab	90.3696, -2.4090, 1.5569

Details

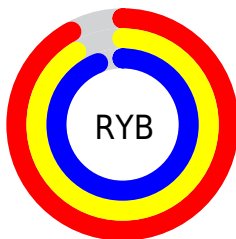
The RGB color **235, 232, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 240, 232**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 176, 184** is the 20% darker color. If you saturate the color by 10%, you get **220, 208, 240**, and if you desaturate by 10%, it is 250, 255, 240.

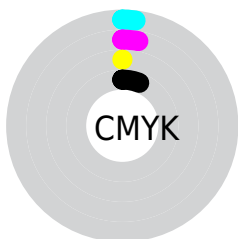
Distribution



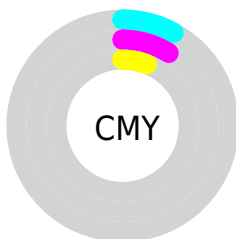
- Red (92%)
- Green (91%)
- Blue (94%)



- Red (92%)
- Yellow (91%)
- Blue (94%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 232, 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 235, 232, 240 by changing the saturation by 10% instead.

■ 235, 232, 240

255, 255, 255

■ 235, 232, 240

■ 207, 204, 212

■ 179, 176, 184

■ 153, 150, 157

■ 127, 124, 131

■ 102, 99, 106

■ 78, 75, 82

■ 55, 53, 59

■ 34, 31, 37

■ 11, 7, 16

 235, 232, 240


 235, 232, 240


 220, 208, 240


 250, 255, 240

 205, 184, 240


 255, 255, 240

 190, 160, 240


 175, 136, 240

 160, 112, 240

 145, 88, 240

 130, 64, 240

 115, 40, 240

 100, 16, 240

Harmonies

Analogous

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



230, 233, 241



235, 232, 240



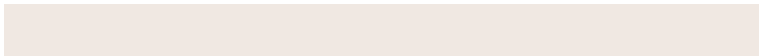
239, 231, 237

Triad

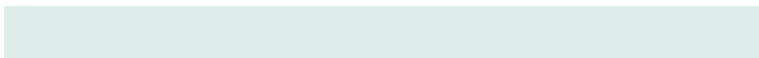
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 232, 240



240, 232, 226



224, 236, 234

Complementary

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



235, 232, 240



237, 240, 232

Split Complementary

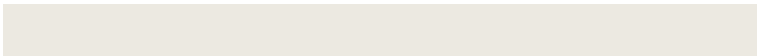
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 235, 230



235, 232, 240



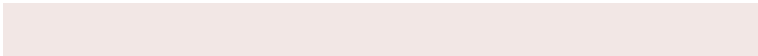
236, 233, 225

Square

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



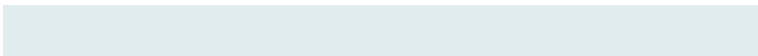
235, 232, 240



242, 231, 229



231, 234, 226



224, 236, 238

Rectangle

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



235, 232, 240



241, 231, 234



231, 234, 226



225, 236, 232

Sweetspot

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



235, 232, 240



253, 252, 255



232, 237, 240



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 232, 240



249, 245, 255



239, 232, 240



116, 114, 120



69, 0, 184



21, 0, 56

Inverse Universe

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



240, 232, 237



255, 245, 251



233, 240, 232



120, 114, 118



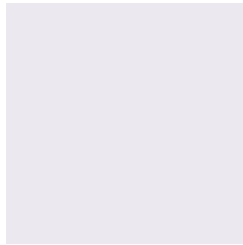
184, 0, 115



56, 0, 35

Previews

White Background



This preview shows how the RGB color 235, 232, 240 looks on a white background.

Color Contrast Check

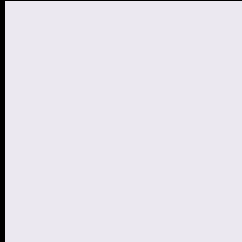
Large Text (above 18pt) WCAG AA × Fail

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 235, 232, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

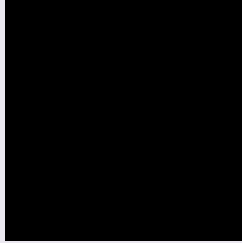
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

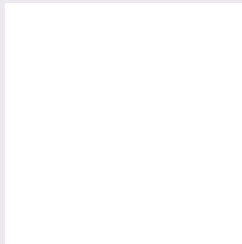
Any Text WCAG AAA ✓ Pass

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

RGB 235, 232, 240 Background



This preview shows how black text looks on a background with the RGB color 235, 232, 240.

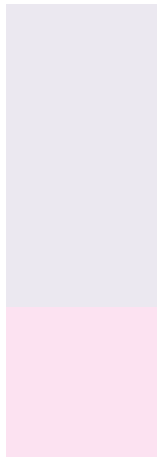


This preview shows how white text looks on a background with the RGB color 235, 232, 240.

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
235, 232, 240

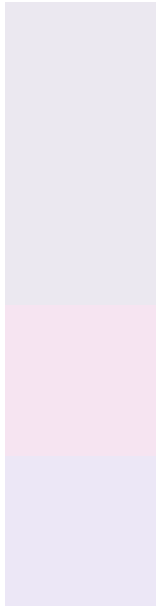
Protanopia
235, 232, 240

Deuteranopia
252, 226, 241



Tritanopia
236, 231, 249

Trichromacy



Original Color

235, 232, 240

Protanomaly

235, 232, 240

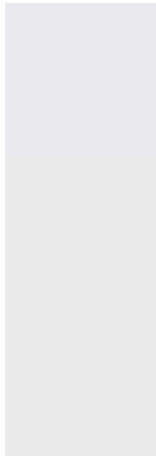
Deuteranomaly

246, 228, 241

Tritanomaly

236, 231, 246

Monochromacy



Original Color

235, 232, 240

Achromatopsia

234, 234, 234

Achromatomaly

234, 233, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 232, 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(235, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 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(235, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 240) }
```

Border

The CSS property to change the border of an element to RGB 235, 232, 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(235, 232, 240) }
```

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

```
.border{ border-color:rgb(235, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 235, 232, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 240) }
```

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

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