

Converting Colors

`RYB(235, 232, 234)`

Have a look what the booklet for
RYB(235, 232, 234) contains.

RYB(235, 232, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RYB(235, 232, 234)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8EA
RGB	235, 232, 234
RGB Percent	92%, 91%, 92%
CMY	0.0784, 0.0902, 0.0824
CMYK	0.00, 0.01, 0.00, 0.08
HSL	320°, 7%, 92%
HSV	320°, 1%, 92%
XYZ	77.9688, 81.3159, 89.4280
YIQ	233.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

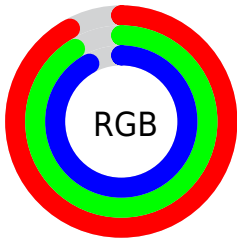
Format	Color
R _Y B	235, 232, 234
Decimal	15460586
CIE Lab	92.27, 1.37, -0.62
CIE LCh	92, 1.501, 335.493
Yxy	81.3159, 0.3135, 0.3269
Android (android.graphics.Color)	4293650666 (0xFFE8E8EA)
YUV	233.1250, 0.4314, 1.6444
Hunter-Lab	90.1753, -3.4693, 4.3241

Details

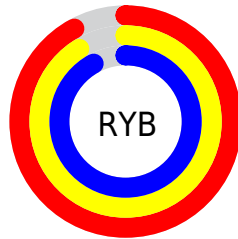
The RYB color **235, 232, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 234, 235**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 176, 178** is the 20% darker color. If you saturate the color by 10%, you get **235, 209, 226**, and if you desaturate by 10%, it is **235, 250, 255**.

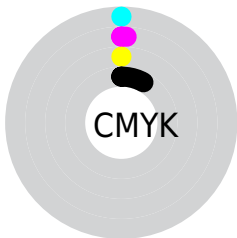
Distribution



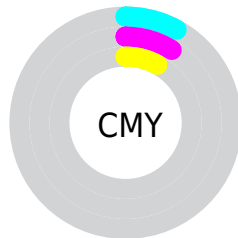
- Red (92%)
- Green (91%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 232, 234 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 RYB color 235, 232, 234 by changing the saturation by 10% instead.

■ 235, 232, 234

255, 255, 255

■ 235, 232, 234

■ 207, 204, 206

■ 179, 176, 178

■ 153, 150, 152

■ 127, 124, 126

■ 102, 99, 101

■ 78, 75, 77

■ 55, 53, 54

■ 34, 31, 33

■ 11, 7, 10

 235, 232, 234

 235, 232, 234

 235, 209, 226

 235, 250, 255

 235, 185, 218

 235, 246, 255


 235, 162, 211

 235, 245, 255

 235, 138, 203

 235, 115, 195

 235, 91, 187

 235, 68, 179

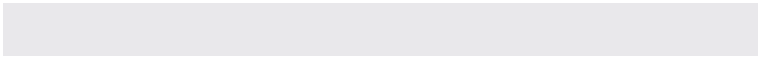
 235, 44, 171

 235, 21, 164

Harmonies

Analogous

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



233, 232, 235



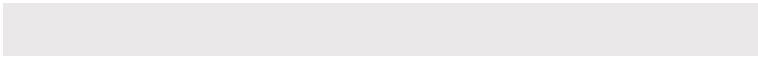
235, 232, 234



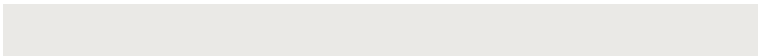
236, 232, 233

Triad

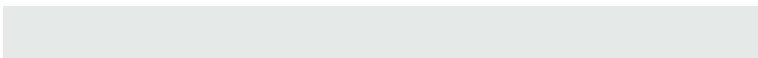
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 232, 234



231, 234, 230



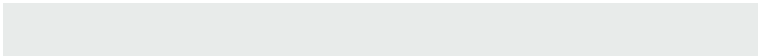
229, 232, 234

Complementary

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



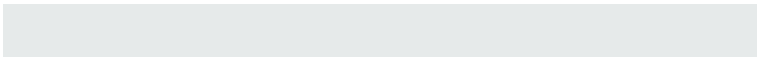
235, 232, 234



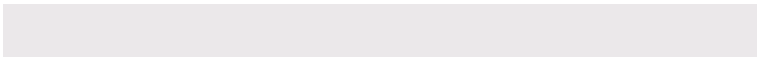
232, 234, 235

Split Complementary

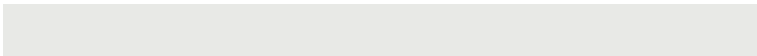
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 232, 234



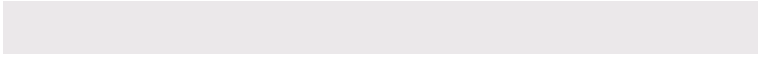
235, 232, 234



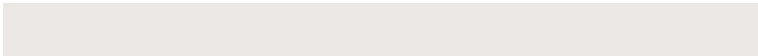
230, 233, 231

Square

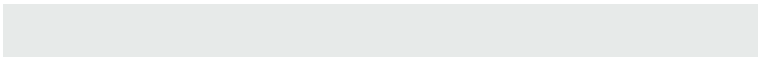
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



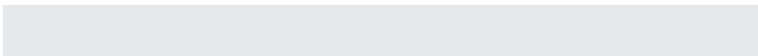
235, 232, 234



235, 233, 230



231, 233, 234



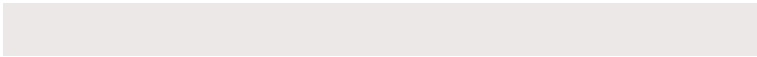
230, 232, 235

Rectangle

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



235, 232, 234



236, 232, 232



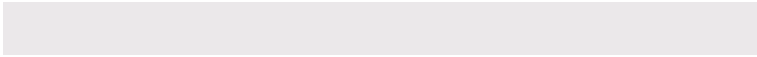
231, 233, 234



229, 232, 234

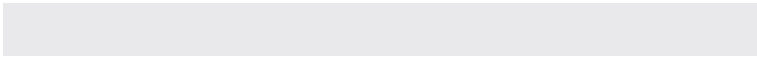
Sweetspot

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



235, 232, 234

255, 255, 255



233, 232, 235



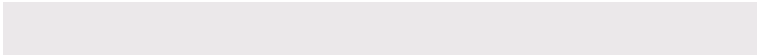
128, 128, 128



0, 0, 0

Same Dimension

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



235, 232, 234



255, 250, 253



235, 232, 233



117, 115, 117



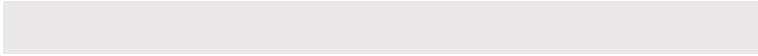
181, 0, 121



54, 0, 36

Inverse Universe

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



235, 232, 234



255, 250, 253



232, 234, 235



117, 115, 117



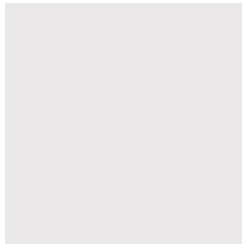
181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RYB color 235, 232, 234 looks on a white background.

Color Contrast Check

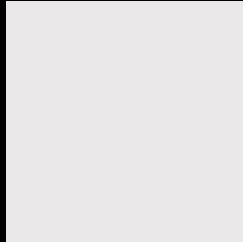
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 235, 232, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

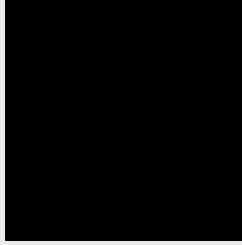
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

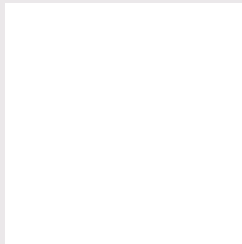
Any Text WCAG AAA ✓ Pass

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

RYB 235, 232, 234 Background



This preview shows how black text looks on a background with the RYB color 235, 232, 234.

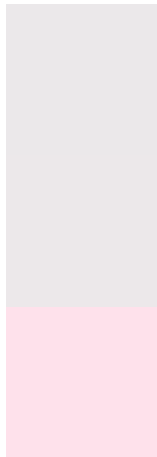


This preview shows how white text looks on a background with the RYB color 235, 232, 234.

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, 234

Protanopia
236, 232, 234

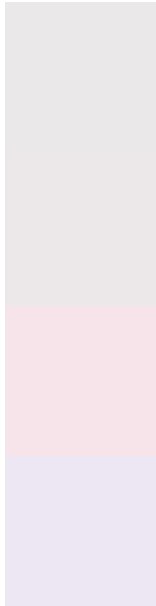
Deuteranopia
254, 225, 235



Tritanopia

237, 230, 248

Trichromacy



Original Color

235, 232, 234

Protanomaly

236, 232, 234

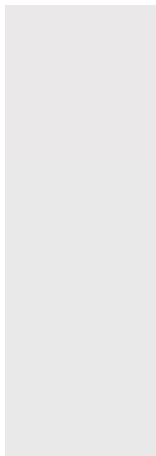
Deuteranomaly

247, 228, 235

Tritanomaly

236, 231, 243

Monochromacy



Original Color

235, 232, 234

Achromatopsia

233, 233, 233

Achromatomaly

234, 233, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 232, 234 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 234) }
```

Border

The CSS property to change the border of an element to RYB 235, 232, 234 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, 234) }
```

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

```
.border{ border-color:rgb(235, 232, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 235, 232, 234 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, 234) }
```

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

```
.background{ background-color: rgb(235,  
232, 234) }
```

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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