

Converting Colors

`RYB(235, 237, 245)`

Have a look what the booklet for
RYB(235, 237, 245) contains.

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Color

RYB(235, 237, 245)

Conversions

Conversions Part 1

Format	Color
Hex	EBEEF5
RGB	235, 238, 245
RGB Percent	92%, 93%, 96%
CMY	0.0784, 0.0686, 0.0392
CMYK	0.04, 0.03, 0.00, 0.04
HSL	225°, 33%, 94%
HSV	225°, 4%, 96%
XYZ	81.1715, 85.1131, 98.5365
YIQ	237.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

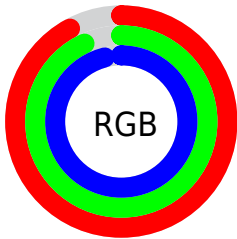
Format	Color
R _Y B	235, 237, 245
Decimal	15462133
CIE Lab	93.93, 0.53, -3.92
CIE LCh	94, 3.952, 277.775
Yxy	85.1131, 0.3065, 0.3214
Android (android.graphics.Color)	4293652213 (0xFFEBEEF5)
YUV	237.9010, 3.4998, -2.5442
Hunter-Lab	92.2567, -4.3971, 1.2540

Details

The RYB color **235, 237, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 245, 235**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 181, 189** is the 20% darker color. If you saturate the color by 10%, you get **210, 217, 245**, and if you desaturate by 10%, it is **245, 255, 245**.

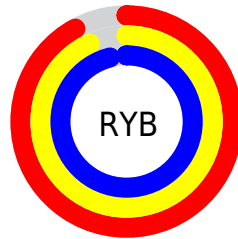
Distribution



Red (92%)

Green (93%)

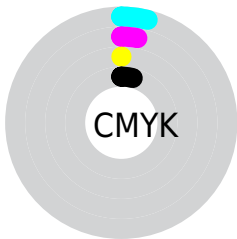
Blue (96%)



Red (92%)

Yellow (93%)

Blue (96%)

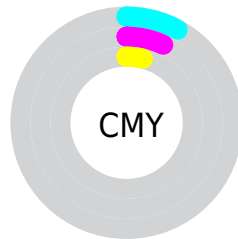


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 237, 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 RYB color 235, 237, 245 by changing the saturation by 10% instead.

■ 235, 237, 245

255, 255, 255

■ 235, 237, 245

■ 207, 209, 217

■ 179, 181, 189

■ 153, 155, 162

■ 127, 129, 136

■ 102, 104, 110

■ 78, 80, 86

■ 55, 57, 63

■ 33, 35, 41


■ 11, 13, 21


 235, 237, 245


 235, 237, 245

 210, 217, 245


 245, 255, 245


 186, 198, 245

 162, 178, 245

 137, 159, 245

 113, 139, 245

 88, 119, 245

 63, 100, 245

 39, 81, 245

 14, 60, 245

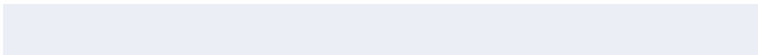
Harmonies

Analogous

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



231, 236, 244



235, 237, 245



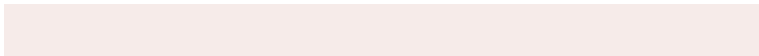
240, 236, 244

Triad

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



235, 237, 245



246, 235, 233



231, 237, 240

Complementary

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



235, 237, 245



239, 245, 235

Split Complementary

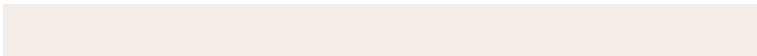
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 239, 235



235, 237, 245



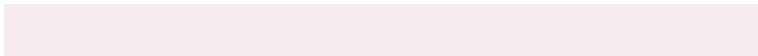
244, 239, 231

Square

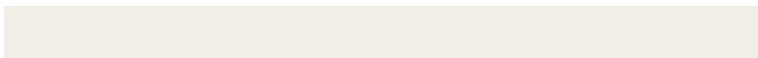
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



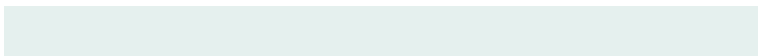
235, 237, 245



246, 235, 237



233, 240, 230



229, 235, 240

Rectangle

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



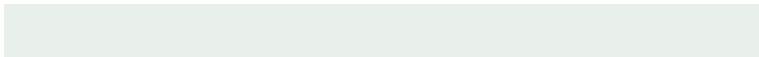
235, 237, 245



242, 236, 242



233, 240, 230



233, 239, 239

Sweetspot

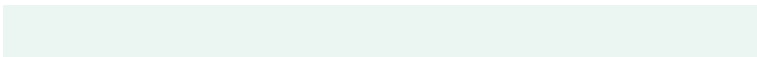
The Sweet Spot groups the original color and five complimentary colors.



235, 237, 245



252, 253, 255



235, 241, 245



126, 127, 128



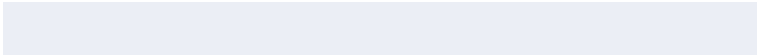
0, 0, 0



128, 128, 128

Same Dimension

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



235, 237, 245



242, 244, 255



237, 235, 245



115, 117, 122



0, 38, 186



0, 12, 59

Inverse Universe

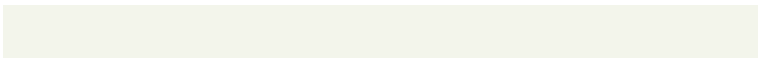
The Inverse Universe completely reimagines the original color for something new.



245, 235, 238



255, 242, 245



235, 245, 237



122, 115, 117



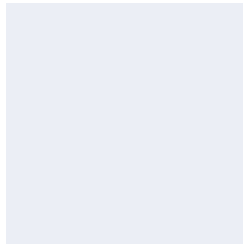
186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RYB color 235, 237, 245 looks on a white background.

Color Contrast Check

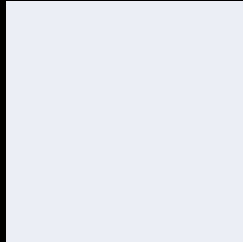
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 235, 237, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

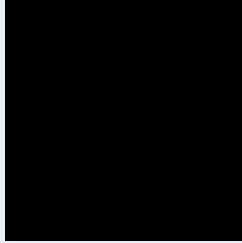
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

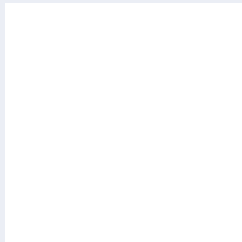
Any Text WCAG AAA ✓ Pass

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

RYB 235, 237, 245 Background



This preview shows how black text looks on a background with the RYB color 235, 237, 245.

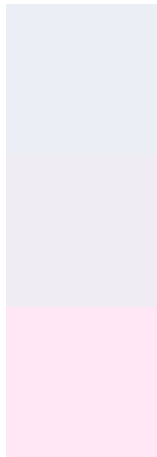


This preview shows how white text looks on a background with the RYB color 235, 237, 245.

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
235, 237, 245

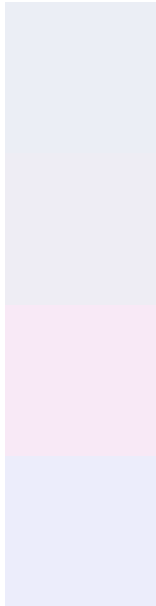
Protanopia
240, 236, 244

Deuteranopia
255, 231, 246



Tritanopia
237, 236, 255

Trichromacy



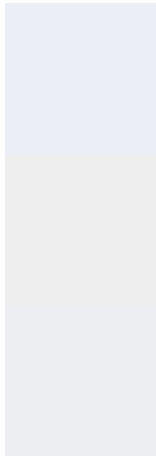
Original Color
235, 237, 245

Protanomaly
238, 237, 244

Deuteranomaly
248, 233, 246

Tritanomaly
236, 237, 251

Monochromacy



Original Color
235, 237, 245

Achromatopsia
238, 238, 238

Achromatomaly
237, 238, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 237, 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(235, 238, 245) looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 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(235, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 245) }
```

Border

The CSS property to change the border of an element to RYB 235, 237, 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(235, 238, 245) }
```

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

```
.border{ border-color:rgb(235, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 235, 237, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 245) }
```

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

```
.background{ background-color: rgb(235,  
238, 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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