

Converting Colors

`RYB(235, 241, 248)`

Have a look what the booklet for
RYB(235, 241, 248) contains.

RYB(235, 241, 248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(235, 241, 248)

Conversions

Conversions Part 1

Format	Color
Hex	EBF6F8
RGB	235, 246, 248
RGB Percent	92%, 96%, 97%
CMY	0.0784, 0.0347, 0.0275
CMYK	0.05, 0.01, 0.00, 0.03
HSL	189°, 48%, 95%
HSV	189°, 5%, 97%
XYZ	84.2035, 90.4380, 101.8252
YIQ	242.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

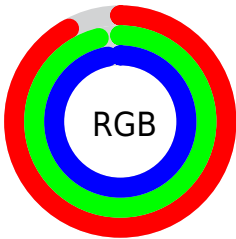
Format	Color
R _Y B	235, 241, 248
Decimal	15464184
CIE Lab	96.18, -3.31, -2.17
CIE LCh	96, 3.962, 213.235
Yxy	90.4380, 0.3046, 0.3271
Android (android.graphics.Color)	4293654264 (0xFFEBF6F8)
YUV	242.9390, 2.4951, -6.9625
Hunter-Lab	95.0989, -8.3736, 3.0856

Details

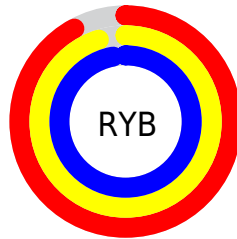
The RYB color **235, 241, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **248, 237, 235**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 185, 192** is the 20% darker color. If you saturate the color by 10%, you get **210, 228, 248**, and if you desaturate by 10%, it is **255, 251, 248**.

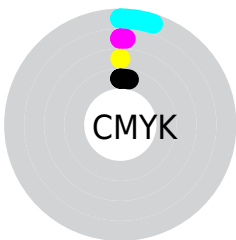
Distribution



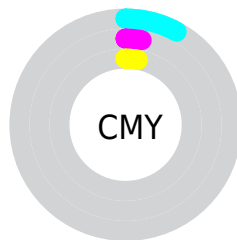
- Red (92%)
- Green (96%)
- Blue (97%)



- Red (92%)
- Yellow (95%)
- Blue (97%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 241, 248 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, 241, 248 by changing the saturation by 10% instead.


 235, 241, 248

255, 255, 255


 235, 241, 248

 207, 213, 219

 179, 185, 192


 152, 158, 165


 127, 132, 138

 101, 106, 113

 77, 82, 88

 55, 60, 65

 33, 38, 43

 11, 16, 23

235, 241, 248

235, 241, 248

210, 228, 248

255, 251, 248

185, 214, 248

251, 255, 248

161, 201, 248

248, 255, 248

136, 188, 248

111, 174, 248

86, 161, 248

61, 147, 248

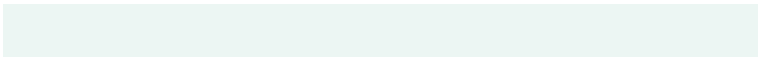
37, 134, 248

12, 121, 248

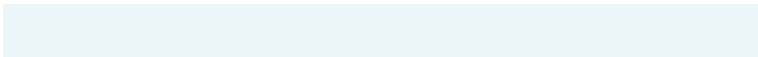
Harmonies

Analogous

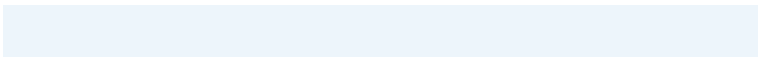
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 242, 246



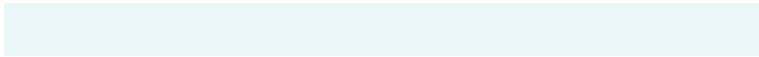
235, 241, 248



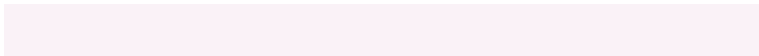
237, 242, 251

Triad

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



235, 241, 248



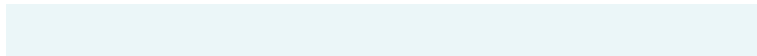
250, 242, 247



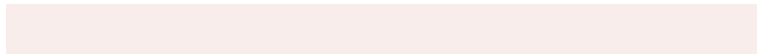
240, 247, 236

Complementary

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



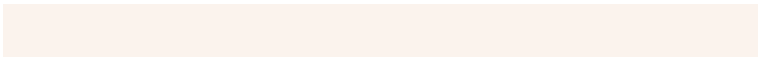
235, 241, 248



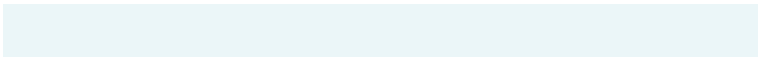
248, 237, 235

Split Complementary

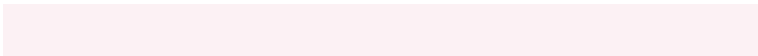
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 248, 237



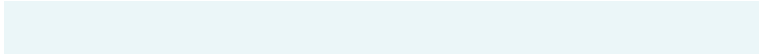
235, 241, 248



252, 241, 244

Square

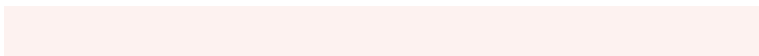
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 241, 248



245, 243, 250



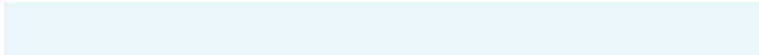
253, 242, 240



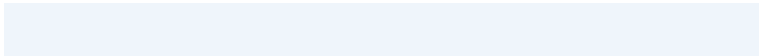
238, 245, 241

Rectangle

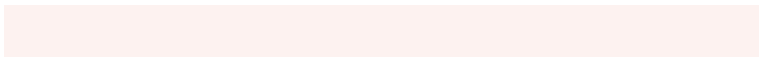
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 241, 248



239, 243, 251



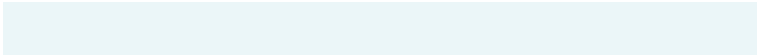
253, 242, 240



245, 248, 236

Sweetspot

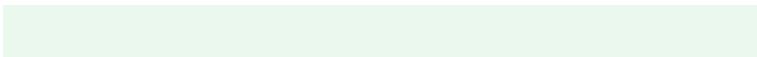
The Sweet Spot groups the original color and five complimentary colors.



235, 241, 248



250, 252, 255



235, 246, 248



125, 126, 128



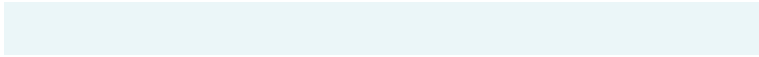
0, 0, 0



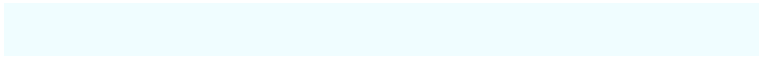
128, 128, 128

Same Dimension

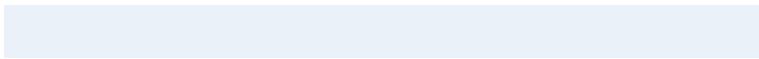
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 241, 248



240, 247, 255



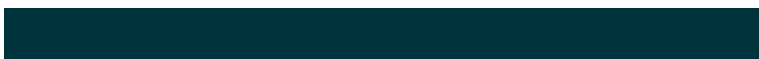
235, 239, 248



116, 120, 125



0, 87, 189



0, 28, 61

Inverse Universe

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



248, 235, 246



255, 240, 253



243, 248, 235



125, 116, 124



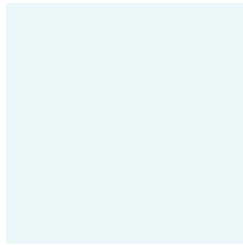
189, 0, 162



61, 0, 52

Previews

White Background



This preview shows how the RYB color 235, 241, 248 looks on a white background.

Color Contrast Check

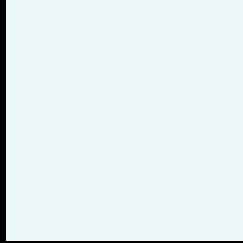
Large Text (above 18pt) WCAG AA × Fail

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, 241, 248 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

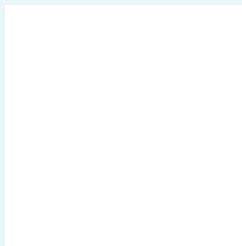
Any Text WCAG AAA ✓ Pass

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

RYB 235, 241, 248 Background



This preview shows how black text looks on a background with the RYB color 235, 241, 248.

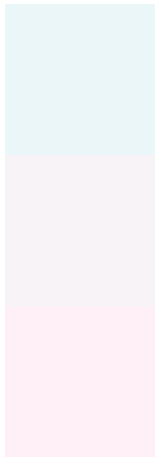


This preview shows how white text looks on a background with the RYB color 235, 241, 248.

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, 241, 248

Protanopia
247, 243, 246

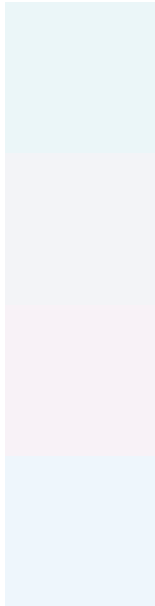
Deuteranopia
255, 240, 247



Tritanopia

240, 243, 255

Trichromacy



Original Color

235, 241, 248

Protanomaly

243, 244, 247

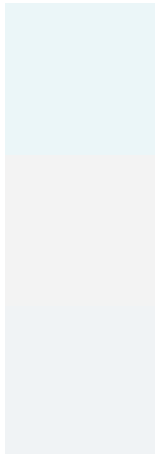
Deuteranomaly

248, 242, 247

Tritanomaly

238, 243, 252

Monochromacy



Original Color

235, 241, 248

Achromatopsia

243, 243, 243

Achromatomaly

240, 242, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 241, 248 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, 246, 248) looks like.

```
.text, #text, p{  
    color:rgb(235, 246, 248)  
}
```

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, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 246, 248) }
```

Border

The CSS property to change the border of an element to RYB 235, 241, 248 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, 246, 248) }
```

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

```
.border{ border-color:rgb(235, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 246,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 235, 241, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 246, 248) }
```

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

```
.background{ background-color: rgb(235,  
246, 248) }
```

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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