

Converting Colors

`RYB(232, 241, 250)`

Have a look what the booklet for RYB(232, 241, 250) contains.

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Color

R_YB(232, 241, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAFA
RGB	232, 250, 250
RGB Percent	91%, 98%, 98%
CMY	0.0902, 0.0196, 0.0196
CMYK	0.07, 0.00, 0.00, 0.02
HSL	180°, 64%, 95%
HSV	180°, 7%, 98%
XYZ	84.7196, 92.4291, 103.8179
YIQ	244.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

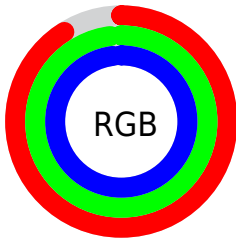
Format	Color
R _Y B	232, 241, 250
Decimal	15268602
CIE Lab	97.00, -5.86, -2.03
CIE LCh	97, 6.199, 199.112
Yxy	92.4291, 0.3015, 0.3290
Android (android.graphics.Color)	4293458682 (0xFFE8FAFA)
YUV	244.6180, 2.6533, -11.0660
Hunter-Lab	96.1401, -10.9491, 3.2731

Details

The RYB color **232, 241, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 232, 232**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 185, 194** is the 20% darker color. If you saturate the color by 10%, you get **207, 229, 250**, and if you desaturate by 10%, it is **255, 250, 250**.

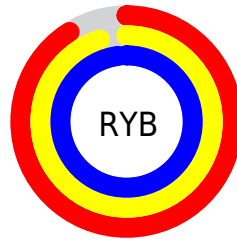
Distribution



Red (91%)

Green (98%)

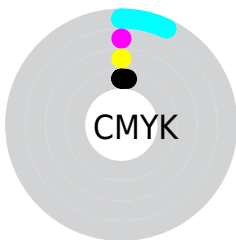
Blue (98%)



Red (91%)

Yellow (95%)

Blue (98%)

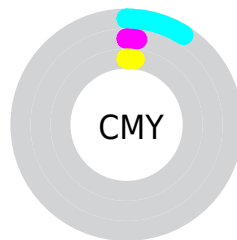


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 241, 250 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 232, 241, 250 by changing the saturation by 10% instead.

 232, 241, 250


 232, 241, 250

255, 255, 255

 204, 213, 221

 176, 185, 194

 150, 158, 166

 124, 132, 140

 99, 107, 115

 75, 83, 90

 52, 60, 67

 30, 37, 45

 8, 16, 24

232, 241, 250

232, 241, 250

207, 229, 250

255, 250, 250

182, 216, 250

157, 204, 250

132, 191, 250

107, 179, 250

82, 166, 250

57, 154, 250

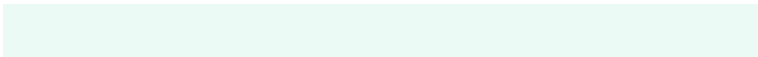
32, 141, 250

7, 129, 250

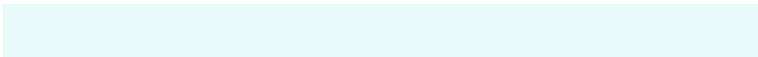
Harmonies

Analogous

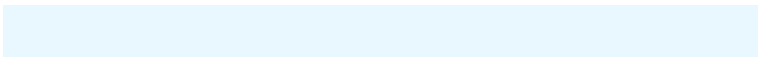
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 244, 250



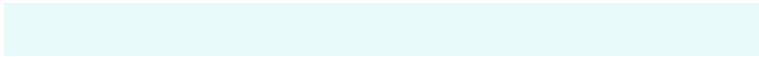
232, 241, 250



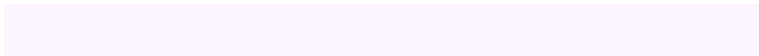
233, 242, 255

Triad

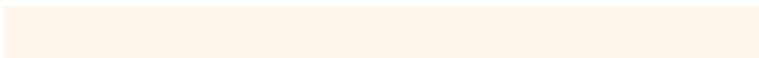
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 241, 250



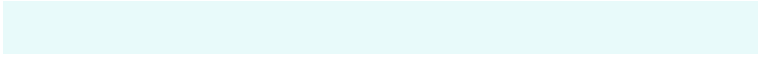
252, 244, 254



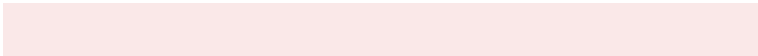
252, 254, 235

Complementary

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



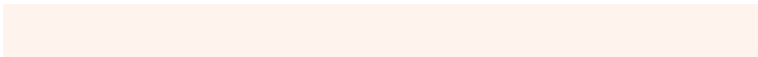
232, 241, 250



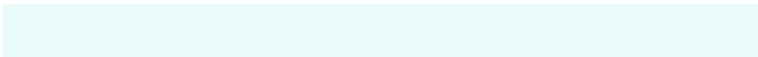
250, 232, 232

Split Complementary

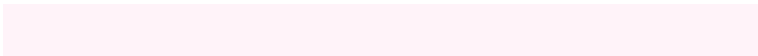
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 237



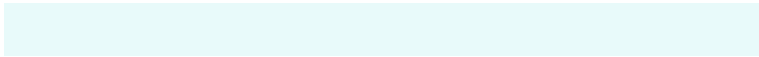
232, 241, 250



255, 243, 249

Square

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



232, 241, 250



245, 246, 255



255, 242, 243



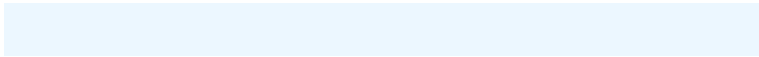
235, 247, 235

Rectangle

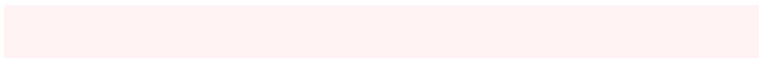
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



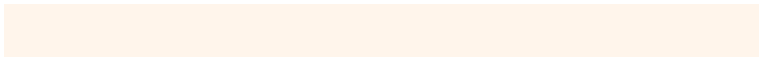
232, 241, 250



236, 243, 255



255, 242, 243



255, 255, 235

Sweetspot

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



232, 241, 250



250, 253, 255



232, 250, 250



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

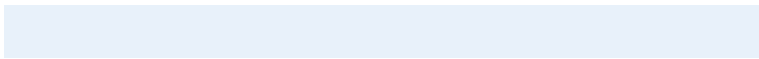
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 241, 250



232, 244, 255



232, 238, 250



112, 119, 125



0, 95, 189



0, 31, 61

Inverse Universe

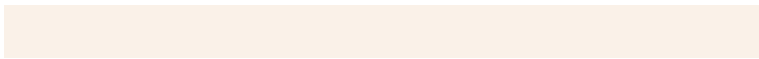
The Inverse Universe completely reimagines the original color for something new.



250, 232, 250



255, 232, 255



250, 250, 232



125, 112, 125



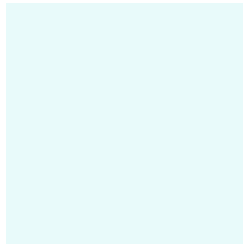
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 232, 241, 250 looks on a white background.

Color Contrast Check

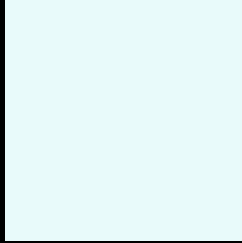
Large Text (above 18pt) WCAG AA × Fail

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 232, 241, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

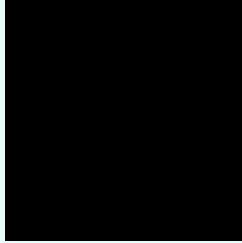
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

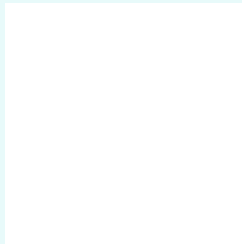
Any Text WCAG AAA ✓ Pass

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

RYB 232, 241, 250 Background



This preview shows how black text looks on a background with the RYB color 232, 241, 250.

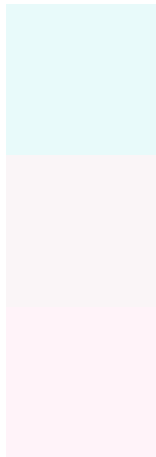


This preview shows how white text looks on a background with the RYB color 232, 241, 250.

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
232, 241, 250

Protanopia
250, 245, 247

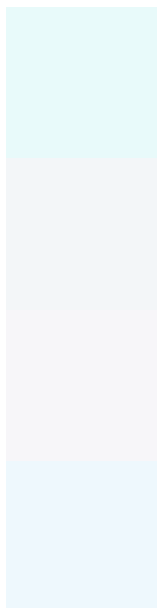
Deuteranopia
255, 243, 249



Tritanopia

242, 246, 255

Trichromacy



Original Color

232, 241, 250

Protanomaly

243, 245, 248

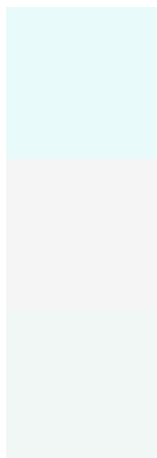
Deuteranomaly

247, 246, 249

Tritanomaly

238, 244, 253

Monochromacy



Original Color

232, 241, 250

Achromatopsia

245, 245, 245

Achromatomaly

240, 244, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 241, 250 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(232, 250, 250) looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 250)  
}
```

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(232, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 250) }
```

Border

The CSS property to change the border of an element to RYB 232, 241, 250 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(232, 250, 250) }
```

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

```
.border{ border-color:rgb(232, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 232, 241, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 250, 250) }
```

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

```
.background{ background-color: rgb(232,  
250, 250) }
```

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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