

Converting Colors

`RYB(237, 245, 252)`

Have a look what the booklet for RYB(237, 245, 252) contains.

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Color

$\text{RYB}(237, 245, 252)$

Conversions

Conversions Part 1

Format	Color
Hex	EDFCFA
RGB	237, 252, 250
RGB Percent	93%, 99%, 98%
CMY	0.0706, 0.0118, 0.0191
CMYK	0.06, 0.00, 0.01, 0.01
HSL	172°, 71%, 96%
HSV	172°, 6%, 99%
XYZ	87.0104, 94.5353, 104.2065
YIQ	247.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

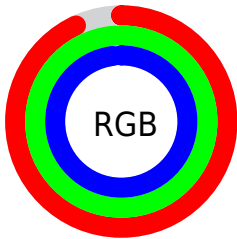
Format	Color
R _Y B	237, 245, 252
Decimal	15596794
CIE Lab	97.85, -5.23, -0.81
CIE LCh	98, 5.292, 188.763
Yxy	94.5353, 0.3045, 0.3308
Android (android.graphics.Color)	4293786874 (0xFFEDFCFA)
YUV	247.2870, 1.3375, -9.0217
Hunter-Lab	97.2293, -10.4117, 4.5158

Details

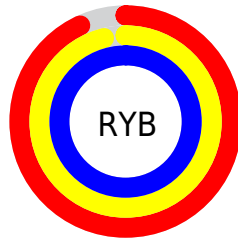
The RYB color **237, 245, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **252, 237, 239**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **181, 188, 195** is the 20% darker color. If you saturate the color by 10%, you get **212, 233, 252**, and if you desaturate by 10%, it is **255, 252, 253**.

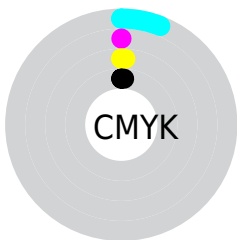
Distribution



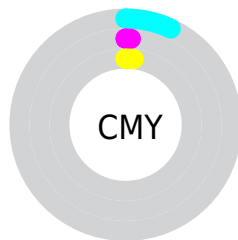
- Red (93%)
- Green (99%)
- Blue (98%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 245, 252 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 237, 245, 252 by changing the saturation by 10% instead.


 237, 245, 252

255, 255, 255

 237, 245, 252

 209, 216, 223

 181, 188, 195

 154, 161, 168

 128, 136, 142

 103, 110, 116

 79, 86, 92

 56, 62, 68

 34, 40, 46

 14, 20, 25

 237, 245, 252

 237, 245, 252

 212, 233, 252


 255, 252, 253


 187, 222, 252


 255, 252, 255


 161, 209, 252


 136, 198, 252

 111, 186, 252

 86, 175, 252

 61, 163, 252

 35, 151, 252

 10, 139, 252

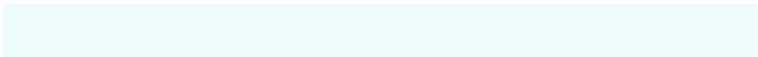
Harmonies

Analogous

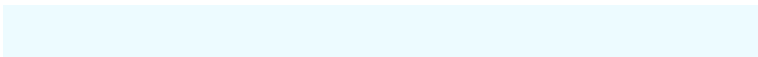
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 248, 252



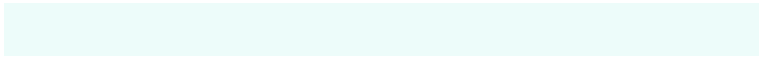
237, 245, 252



237, 245, 255

Triad

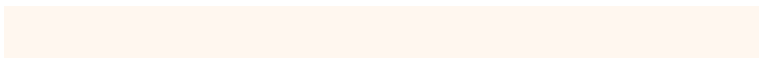
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237, 245, 252



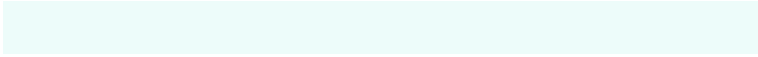
252, 247, 255



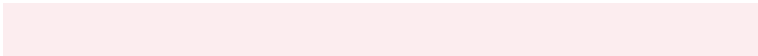
255, 255, 239

Complementary

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



237, 245, 252



252, 237, 239

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, 247, 243



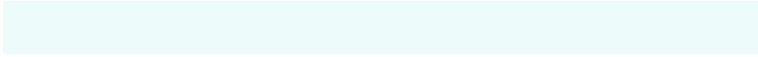
237, 245, 252



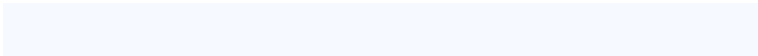
255, 246, 253

Square

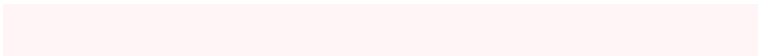
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 245, 252



246, 248, 255



255, 245, 247



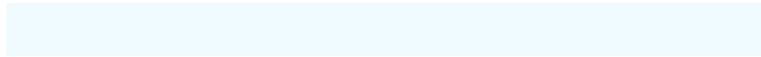
243, 252, 239

Rectangle

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



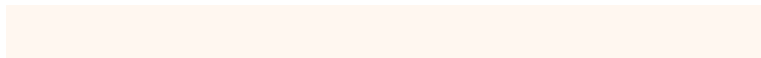
237, 245, 252



239, 246, 255



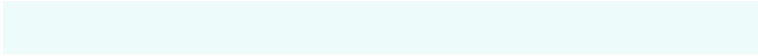
255, 245, 247



255, 253, 240

Sweetspot

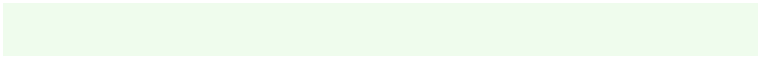
The Sweet Spot groups the original color and five complimentary colors.



237, 245, 252



250, 253, 255



237, 252, 250



125, 127, 128



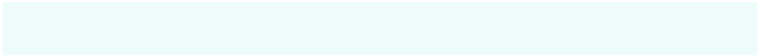
0, 0, 0



128, 128, 128

Same Dimension

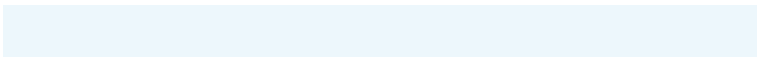
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 245, 252



237, 247, 255



237, 243, 252



115, 120, 125



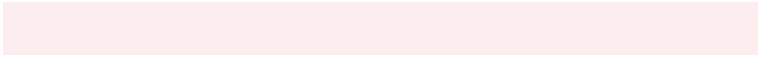
0, 101, 189



0, 32, 61

Inverse Universe

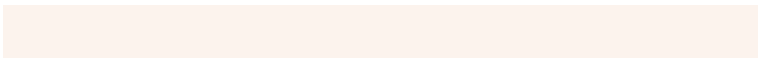
The Inverse Universe completely reimagines the original color for something new.



252, 237, 239



255, 237, 239



252, 247, 237



125, 115, 116



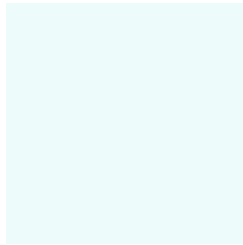
189, 0, 24



61, 0, 8

Previews

White Background



This preview shows how the RYB color 237, 245, 252 looks on a white background.

Color Contrast Check

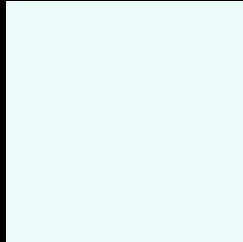
Large Text (above 18pt) WCAG AA × Fail

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 237, 245, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

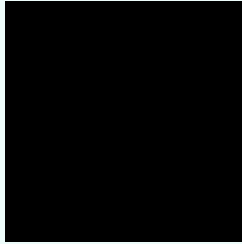
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

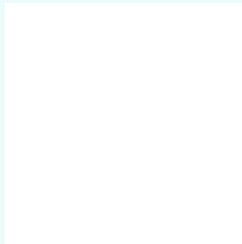
Any Text WCAG AAA ✓ Pass

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

RYB 237, 245, 252 Background



This preview shows how black text looks on a background with the RYB color 237, 245, 252.

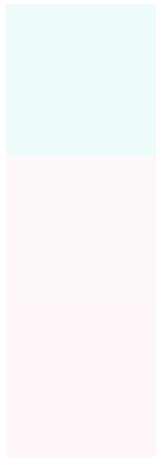


This preview shows how white text looks on a background with the RYB color 237, 245, 252.

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
237, 245, 252

Protanopia
253, 247, 247

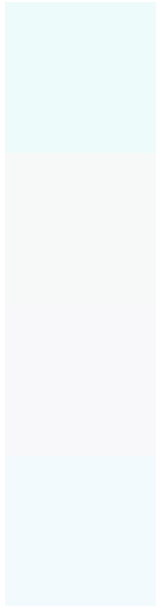
Deuteranopia
255, 246, 250



Tritanopia

246, 248, 255

Trichromacy



Original Color

237, 245, 252

Protanomaly

247, 248, 249

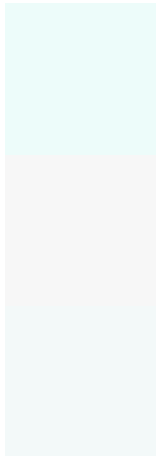
Deuteranomaly

248, 248, 250

Tritanomaly

243, 247, 253

Monochromacy



Original Color

237, 245, 252

Achromatopsia

247, 247, 247

Achromatomaly

243, 246, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 245, 252 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(237, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 252, 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(237, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 252, 250) }
```

Border

The CSS property to change the border of an element to RYB 237, 245, 252 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(237, 252, 250) }
```

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

```
.border{ border-color:rgb(237, 252, 250) }
```

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

Here you see how a box with a 4 pixel rgb(237, 252, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 252,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 237, 245, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 252, 250) }
```

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

```
.background{ background-color: rgb(237,  
252, 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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