

Converting Colors

`RYB(245, 253, 254)`

Have a look what the booklet for
RYB(245, 253, 254) contains.

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Color

R_YB(245, 253, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F5FEF6
RGB	245, 254, 246
RGB Percent	96%, 100%, 96%
CMY	0.0392, 0.0039, 0.0348
CMYK	0.04, 0.00, 0.03, 0.00
HSL	127°, 82%, 98%
HSV	127°, 4%, 100%
XYZ	89.7518, 96.9576, 101.2737
YIQ	250.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

Format	Color
RYB	245, 253, 254
Decimal	16121590
CIELab	98.81, -4.34, 2.72
CIElCh	99, 5.124, 147.899
Yxy	96.9576, 0.3117, 0.3367
Android (android.graphics.Color)	4294311670 (0xFF5FEF6)
YUV	250.3970, -2.1677, -4.7332
Hunter-Lab	98.4671, -9.6163, 7.9470

Details

The RYB color 245, 253, 254 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 254, 245, 253, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 189, 196, 197 is the 20% darker color. If you saturate the color by 10%, you get 220, 250, 254, and if you desaturate by 10%, it is 255, 254, 255.

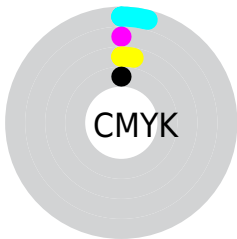
Distribution



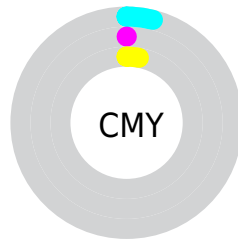
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 253, 254 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 245, 253, 254 by changing the saturation by 10% instead.


 245, 253, 254

255, 255, 255

 245, 253, 254

 217, 224, 225

 189, 196, 197


 162, 169, 170

 136, 143, 144

 110, 117, 118

 86, 92, 93

 63, 69, 70

 41, 46, 47

 20, 26, 27

245, 253, 254

245, 253, 254

220, 250, 254

255, 254, 255

194, 247, 254

169, 245, 254

143, 242, 254

118, 239, 254

93, 236, 254

67, 233, 254

42, 231, 254

16, 227, 254

Harmonies

Analogous

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



243, 253, 245



245, 253, 254



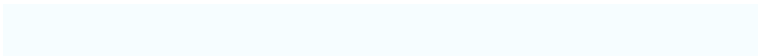
241, 249, 255

Triad

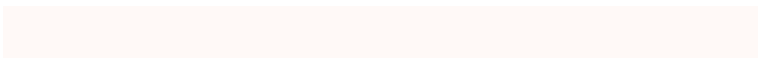
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 253, 254



246, 250, 255



255, 250, 247

Complementary

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



245, 253, 254



254, 245, 253

Split Complementary

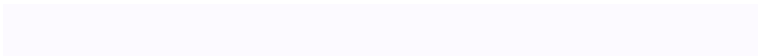
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 248, 252



245, 253, 254



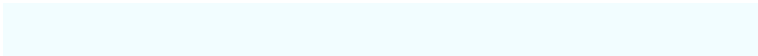
252, 250, 255

Square

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



245, 253, 254



242, 248, 255



255, 249, 255



252, 255, 243

Rectangle

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



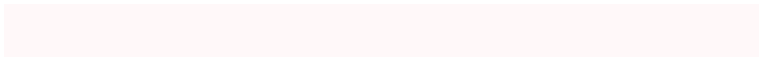
245, 253, 254



240, 248, 255



255, 249, 255



255, 248, 249

Sweetspot

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



245, 253, 254



252, 254, 255



245, 254, 246



126, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 253, 254



245, 254, 255



245, 250, 254



121, 127, 128



0, 170, 191



0, 57, 64

Inverse Universe

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



254, 245, 253



255, 245, 254



254, 245, 248



128, 121, 127



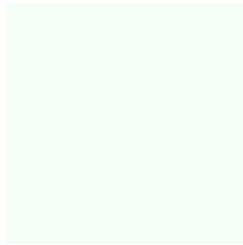
191, 0, 167



64, 0, 56

Previews

White Background



This preview shows how the RYB color 245, 253, 254 looks on a white background.

Color Contrast Check

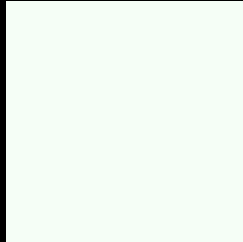
Large Text (above 18pt) WCAG AA × Fail

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 245, 253, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

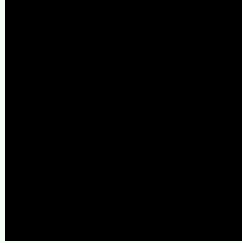
Any Text WCAG AA ✓ Pass

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 245, 253, 254 Background



This preview shows how black text looks on a background with the RYB color 245, 253, 254.

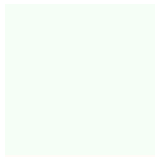


This preview shows how white text looks on a background with the RYB color 245, 253, 254.

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
245, 253, 254



Protanopia
255, 255, 247

Deuteranopia
255, 250, 251

Tritanopia

251, 251, 255

Trichromacy



Original Color

245, 253, 254

Protanomaly

247, 252, 248

Deuteranomaly

249, 251, 249

Tritanomaly

249, 251, 252

Monochromacy



Original Color

245, 253, 254

Achromatopsia

250, 250, 250

Achromatomaly

248, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 253, 254 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(245, 254, 246) looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 246)  
}
```

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(245, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 246) }
```

Border

The CSS property to change the border of an element to RYB 245, 253, 254 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(245, 254, 246) }
```

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

```
.border{ border-color:rgb(245, 254, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 245, 253, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 246) }
```

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

```
.background{ background-color: rgb(245,  
254, 246) }
```

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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