

Converting Colors

`RYB(254, 245, 252)`

Have a look what the booklet for
RYB(254, 245, 252) contains.

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Color

R_YB(254, 245, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FEF5FC
RGB	254, 245, 252
RGB Percent	100%, 96%, 99%
CMY	0.0039, 0.0392, 0.0118
CMYK	0.00, 0.04, 0.01, 0.00
HSL	313°, 82%, 98%
HSV	313°, 4%, 100%
XYZ	91.0961, 93.4039, 105.3229
YIQ	248.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 245, 252
Decimal	16709116
CIE Lab	97.39, 4.22, -2.29
CIE LCh	97, 4.802, 331.463
Yxy	93.4039, 0.3143, 0.3223
Android (android.graphics.Color)	4294899196 (0xFFFEF5FC)
YUV	248.4890, 1.7309, 4.8331
Hunter-Lab	96.6457, -0.8798, 3.0387

Details

The RYB color 254, 245, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 252, 254, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 197, 189, 195 is the 20% darker color. If you saturate the color by 10%, you get 254, 220, 246, and if you desaturate by 10%, it is 254, 255, 255.

Distribution



Red (100%)

Green (96%)

Blue (99%)



Red (100%)

Yellow (96%)

Blue (99%)



Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 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 254, 245, 252 by changing the saturation by 10% instead.


 254, 245, 252

255, 255, 255

 254, 245, 252

 225, 217, 223

 197, 189, 195

 170, 162, 168

 144, 136, 142

 118, 110, 116

 93, 86, 92

 70, 63, 68

 47, 41, 46

 27, 21, 25

254, 245, 252

254, 245, 252

254, 220, 246

254, 255, 255

254, 194, 241

254, 169, 235

254, 143, 229

254, 118, 224

254, 93, 218

254, 67, 212

254, 42, 207

254, 16, 201

Harmonies

Analogous

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



249, 246, 255



254, 245, 252



255, 244, 247

Triad

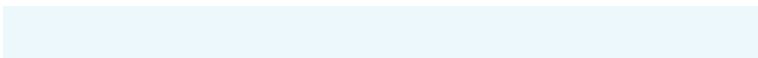
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 245, 252



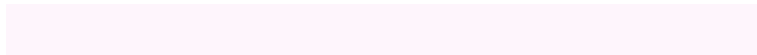
244, 251, 238



236, 243, 252

Complementary

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



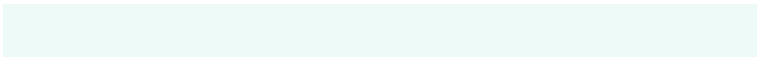
254, 245, 252



245, 252, 254

Split Complementary

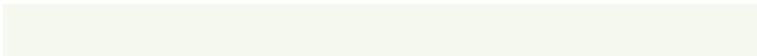
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 244, 250



254, 245, 252



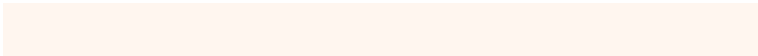
239, 249, 242

Square

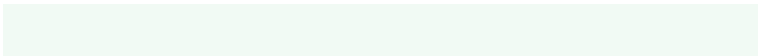
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



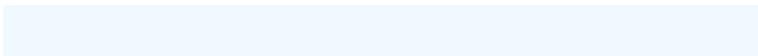
254, 245, 252



255, 251, 239



241, 248, 250



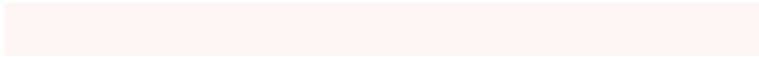
239, 245, 255

Rectangle

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



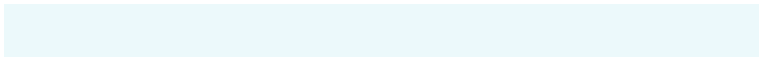
254, 245, 252



255, 245, 244



241, 248, 250



236, 243, 251

Sweetspot

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



254, 245, 252



255, 252, 254



247, 245, 254



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



254, 245, 252



255, 245, 253



254, 245, 248



128, 121, 126



191, 0, 149



64, 0, 50

Inverse Universe

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



254, 245, 252



255, 245, 253



245, 250, 254



128, 121, 126



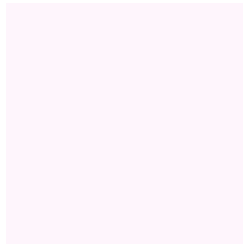
191, 0, 149



64, 0, 50

Previews

White Background



This preview shows how the RYB color 254, 245, 252 looks on a white background.

Color Contrast Check

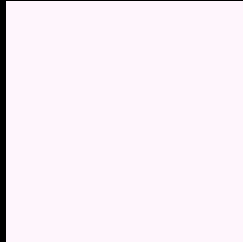
Large Text (above 18pt) WCAG AA × Fail

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 254, 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 254, 245, 252 Background



This preview shows how black text looks on a background with the RYB color 254, 245, 252.

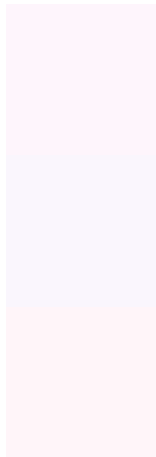


This preview shows how white text looks on a background with the RYB color 254, 245, 252.

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
254, 245, 252

Protanopia
250, 246, 253

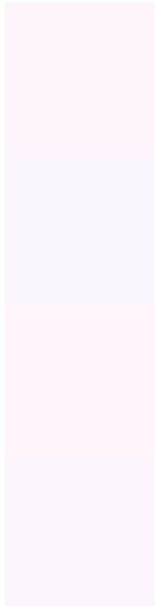
Deuteranopia
255, 245, 249



Tritanopia

252, 245, 255

Trichromacy



Original Color

254, 245, 252

Protanomaly

251, 246, 253

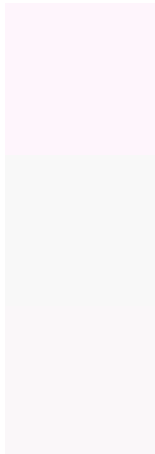
Deuteranomaly

255, 245, 250

Tritanomaly

253, 245, 254

Monochromacy



Original Color

254, 245, 252

Achromatopsia

248, 248, 248

Achromatomaly

250, 247, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 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(254, 245, 252) looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 252)  
}
```

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(254, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 252) }
```

Border

The CSS property to change the border of an element to RYB 254, 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(254, 245, 252) }
```

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

```
.border{ border-color:rgb(254, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 245, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 245, 252); box-shadow:4px 4px 4px 4px rgb(254, 245, 252) }
```

Background

The CSS property to change the background color of an element to RYB 254, 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(254, 245, 252) }
```

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

```
.background{ background-color: rgb(254,  
245, 252) }
```

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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