

Converting Colors

`RYB(255, 235, 249)`

Have a look what the booklet for
RYB(255, 235, 249) contains.

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Color

R_YB(255, 235, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBF9
RGB	255, 235, 249
RGB Percent	100%, 92%, 98%
CMY	0.0000, 0.0784, 0.0235
CMYK	0.00, 0.08, 0.02, 0.00
HSL	318°, 100%, 96%
HSV	318°, 8%, 100%
XYZ	88.0472, 87.5162, 101.8743
YIQ	242.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

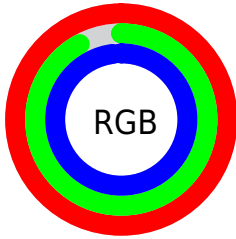
Format	Color
R _Y B	255, 235, 249
Decimal	16772089
CIE Lab	94.96, 9.15, -4.31
CIE LCh	95, 10.113, 334.785
Yxy	87.5162, 0.3174, 0.3154
Android (android.graphics.Color)	4294962169 (0xFFFFEBF9)
YUV	242.5760, 3.1670, 10.8958
Hunter-Lab	93.5501, 4.2874, 0.9194

Details

The RYB color **255, 235, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 250, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 179, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 210, 241**, and if you desaturate by 10%, it is **255, 255, 255**.

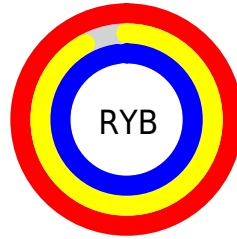
Distribution



Red (100%)

Green (92%)

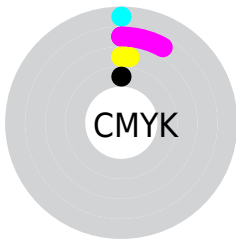
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

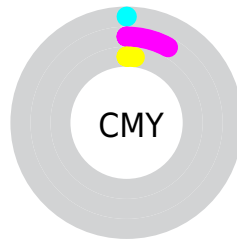


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 235, 249 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 255, 235, 249 by changing the saturation by 10% instead.


 255, 235, 249

 255, 235, 249

255, 255, 255

 226, 207, 220

 198, 179, 193


 171, 152, 165

 144, 127, 139

 119, 102, 114

 94, 78, 89

 70, 55, 66

 48, 33, 44

 27, 11, 23

 255, 235, 249

 255, 235, 249


 255, 210, 241

255, 255, 255

 255, 184, 234


 255, 158, 226

 255, 133, 218

 255, 107, 211

 255, 82, 203

 255, 57, 195

 255, 31, 188

 255, 6, 180

Harmonies

Analogous

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



245, 238, 255



255, 235, 249



255, 234, 239

Triad

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



255, 235, 249



231, 247, 221



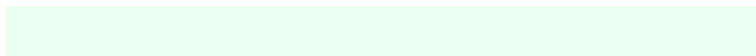
217, 233, 251

Complementary

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



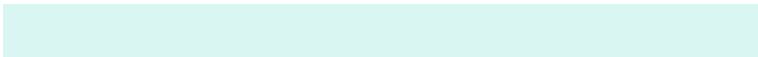
255, 235, 249



235, 250, 255

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.



218, 233, 246



255, 235, 249



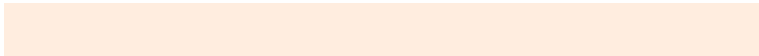
224, 243, 231

Square

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



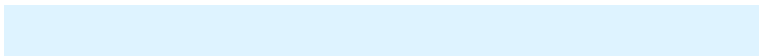
255, 235, 249



255, 248, 223



225, 241, 246



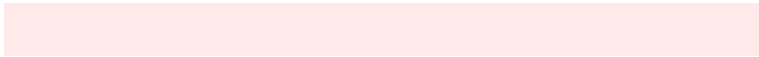
222, 235, 255

Rectangle

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



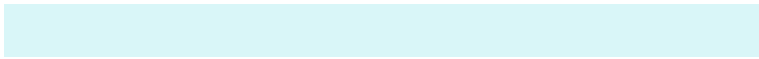
255, 235, 249



255, 234, 233



225, 241, 246



217, 232, 248

Sweetspot

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



255, 235, 249



255, 250, 253



241, 235, 255



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 235, 249



255, 232, 248



255, 235, 239



128, 115, 124



191, 0, 134



64, 0, 45

Inverse Universe

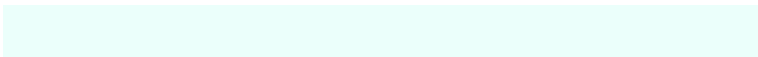
The Inverse Universe completely reimagines the original color for something new.



255, 235, 249



255, 232, 248



235, 246, 255



128, 115, 124



191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RYB color 255, 235, 249 looks on a white background.

Color Contrast Check

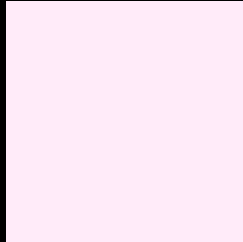
Large Text (above 18pt) WCAG AA × Fail

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 255, 235, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

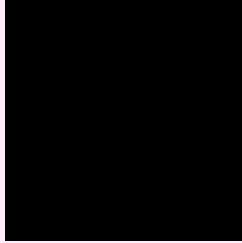
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

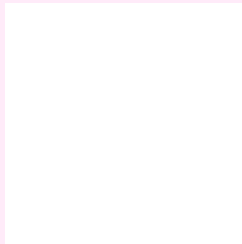
Any Text WCAG AAA ✓ Pass

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

RYB 255, 235, 249 Background



This preview shows how black text looks on a background with the RYB color 255, 235, 249.



This preview shows how white text looks on a background with the RYB color 255, 235, 249.

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
255, 235, 249

Protanopia
242, 239, 251

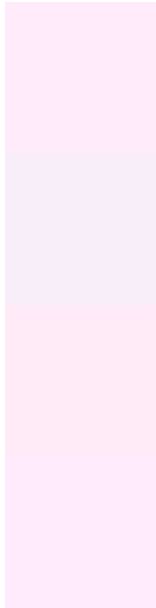
Deuteranopia
255, 235, 247



Tritanopia

255, 235, 252

Trichromacy



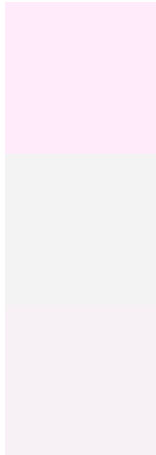
Original Color
255, 235, 249

Protanomaly
247, 238, 250

Deuteranomaly
255, 235, 248

Tritanomaly
255, 235, 251

Monochromacy



Original Color
255, 235, 249

Achromatopsia
243, 243, 243

Achromatomaly
247, 240, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 235, 249 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(255, 235, 249) looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 249)  
}
```

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(255, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 249) }
```

Border

The CSS property to change the border of an element to RYB 255, 235, 249 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(255, 235, 249) }
```

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

```
.border{ border-color:rgb(255, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 255, 235, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 249) }
```

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

```
.background{ background-color: rgb(255,  
235, 249) }
```

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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