

Converting Colors

`RYB(247, 235, 255)`

Have a look what the booklet for RYB(247, 235, 255) contains.

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Color

R_YB(247, 235, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F7EBFF
RGB	247, 235, 255
RGB Percent	97%, 92%, 100%
CMY	0.0314, 0.0784, 0.0000
CMYK	0.03, 0.08, 0.00, 0.00
HSL	276°, 100%, 96%
HSV	276°, 8%, 100%
XYZ	86.1161, 86.4108, 106.7479
YIQ	240.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

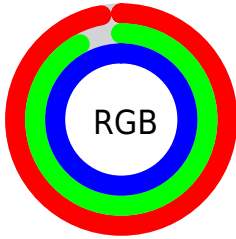
Format	Color
R _Y B	247, 235, 255
Decimal	16247807
CIE Lab	94.49, 7.58, -8.19
CIE LCh	94, 11.159, 312.797
Yxy	86.4108, 0.3084, 0.3094
Android (android.graphics.Color)	4294437887 (0xFF7EBFF)
YUV	240.8680, 6.9671, 5.3778
Hunter-Lab	92.9574, 2.6876, -3.0156

Details

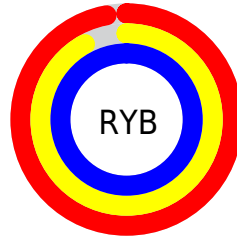
The RYB color **247, 235, 255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 255, 247**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 179, 198** is the 20% darker color. If you saturate the color by 10%, you get **237, 210, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

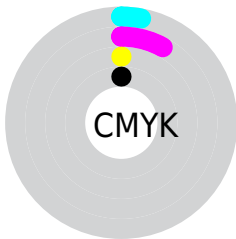
Distribution



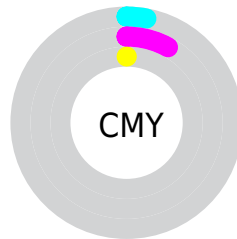
- Red (97%)
- Green (92%)
- Blue (100%)



- Red (97%)
- Yellow (92%)
- Blue (100%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 235, 255 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 247, 235, 255 by changing the saturation by 10% instead.

247, 235, 255

247, 235, 255

255, 255, 255

218, 207, 226

191, 179, 198

164, 153, 171

137, 127, 145

112, 102, 119

87, 78, 94

64, 55, 71

42, 33, 48

22, 11, 27

247, 235, 255

247, 235, 255

237, 210, 255

255, 255, 255

227, 184, 255

216, 158, 255

206, 133, 255

196, 107, 255

186, 82, 255

176, 57, 255

165, 31, 255

155, 6, 255

Harmonies

Analogous

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



234, 237, 255



247, 235, 255



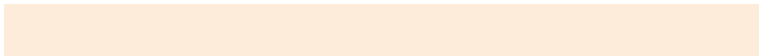
255, 233, 246

Triad

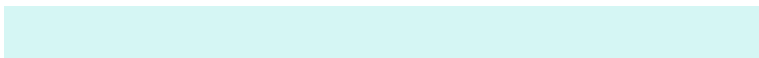
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 235, 255



254, 252, 219



213, 230, 246

Complementary

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



247, 235, 255



235, 255, 247

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.



220, 237, 245



247, 235, 255



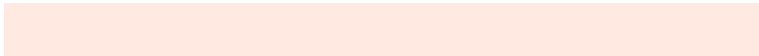
221, 243, 218

Square

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



247, 235, 255



255, 236, 225



223, 243, 235



214, 231, 253

Rectangle

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



247, 235, 255



255, 232, 238



223, 243, 235



215, 232, 246

Sweetspot

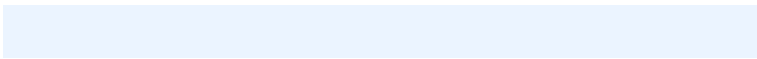
The Sweet Spot groups the original color and five complimentary colors.



247, 235, 255



253, 250, 255



235, 241, 255



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 235, 255



246, 232, 255



255, 235, 253



122, 115, 128



115, 0, 191



38, 0, 64

Inverse Universe

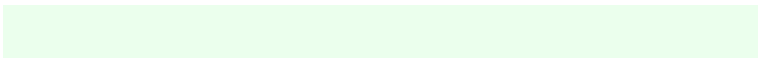
The Inverse Universe completely reimagines the original color for something new.



255, 235, 243



255, 232, 241



235, 253, 255



128, 115, 120



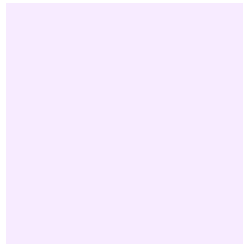
191, 0, 76



64, 0, 25

Previews

White Background



This preview shows how the RYB color 247, 235, 255 looks on a white background.

Color Contrast Check

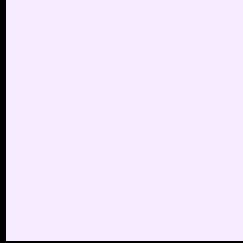
Large Text (above 18pt) WCAG AA × Fail

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 247, 235, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

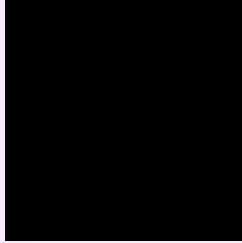
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

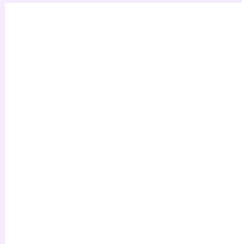
Any Text WCAG AAA ✓ Pass

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

RYB 247, 235, 255 Background



This preview shows how black text looks on a background with the RYB color 247, 235, 255.

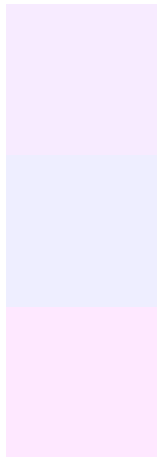


This preview shows how white text looks on a background with the RYB color 247, 235, 255.

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
247, 235, 255

Protanopia
238, 238, 255

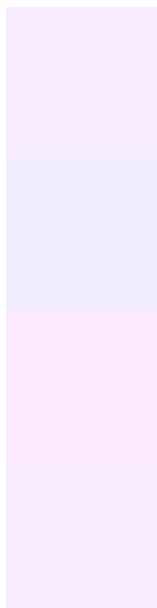
Deuteranopia
254, 232, 255



Tritanopia

247, 235, 254

Trichromacy



Original Color

247, 235, 255

Protanomaly

241, 237, 255

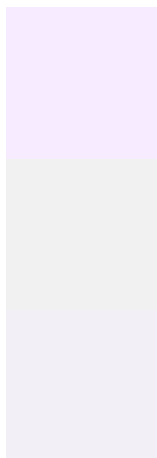
Deuteranomaly

251, 233, 255

Tritanomaly

247, 235, 254

Monochromacy



Original Color

247, 235, 255

Achromatopsia

241, 241, 241

Achromatomaly

243, 239, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 235, 255 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(247, 235, 255) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 255)  
}
```

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(247, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 255) }
```

Border

The CSS property to change the border of an element to RYB 247, 235, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

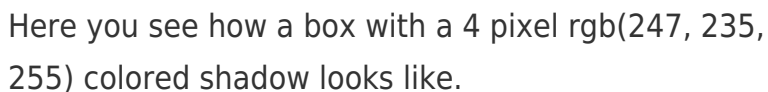
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 235, 255) }
```

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

```
.border{ border-color:rgb(247, 235, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 247, 235, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 255) }
```

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

```
.background{ background-color: rgb(247,  
235, 255) }
```

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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