

Converting Colors

`RYB(239, 234, 248)`

Have a look what the booklet for RYB(239, 234, 248) contains.

RYB(239, 234, 248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(239, 234, 248)

Conversions

Conversions Part 1

Format	Color
Hex	EFEAF8
RGB	239, 234, 248
RGB Percent	94%, 92%, 97%
CMY	0.0627, 0.0824, 0.0275
CMYK	0.04, 0.06, 0.00, 0.03
HSL	261°, 50%, 95%
HSV	261°, 6%, 97%
XYZ	81.9627, 83.9737, 100.6956
YIQ	237.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

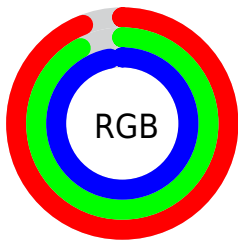
Format	Color
R _Y B	239, 234, 248
Decimal	15723256
CIE Lab	93.44, 4.19, -6.17
CIE LCh	93, 7.459, 304.220
Yxy	83.9737, 0.3074, 0.3149
Android (android.graphics.Color)	4293913336 (0xFFEFEAF8)
YUV	237.0910, 5.3781, 1.6742
Hunter-Lab	91.6371, -0.7099, -1.0049

Details

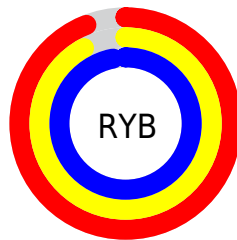
The RYB color **239, 234, 248** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **234, 248, 239**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 178, 192** is the 20% darker color. If you saturate the color by 10%, you get **223, 209, 248**, and if you desaturate by 10%, it is 248, 255, 248.

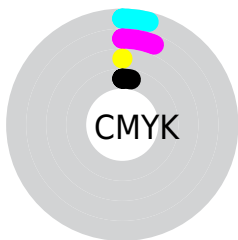
Distribution



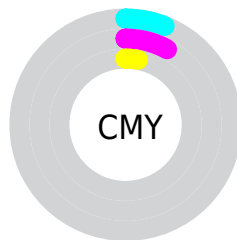
- Red (94%)
- Green (92%)
- Blue (97%)



- Red (94%)
- Yellow (92%)
- Blue (97%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 234, 248 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 239, 234, 248 by changing the saturation by 10% instead.

■ 239, 234, 248

255, 255, 255

■ 239, 234, 248

■ 211, 206, 219

■ 183, 178, 192

■ 156, 152, 165

■ 130, 126, 138

■ 105, 101, 113

■ 81, 77, 88

■ 58, 54, 65

■ 36, 33, 43


■ 15, 10, 23


 239, 234, 248


 239, 234, 248

 223, 209, 248

 248, 255, 248

 207, 184, 248


 191, 160, 248

 175, 135, 248

 159, 110, 248

 143, 85, 248

 127, 60, 248

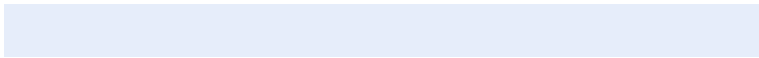
 111, 36, 248

 96, 11, 248

Harmonies

Analogous

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



230, 235, 250



239, 234, 248



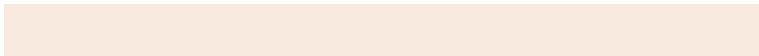
247, 232, 243

Triad

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



239, 234, 248



248, 243, 223



220, 232, 241

Complementary

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



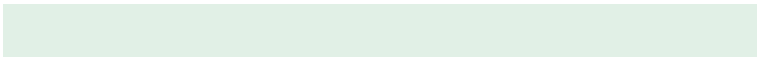
239, 234, 248



234, 248, 239

Split Complementary

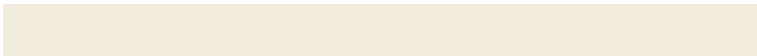
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 236, 240



239, 234, 248



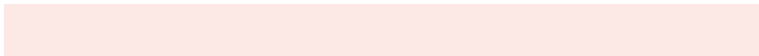
229, 241, 222

Square

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



239, 234, 248



252, 233, 228



224, 238, 229



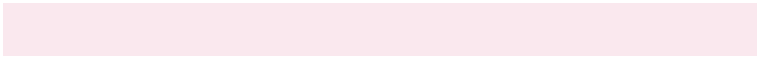
219, 230, 244

Rectangle

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



239, 234, 248



250, 232, 238



224, 238, 229



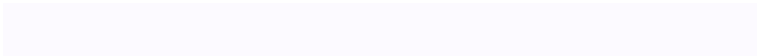
221, 232, 240

Sweetspot

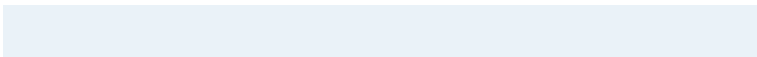
The Sweet Spot groups the original color and five complimentary colors.



239, 234, 248



252, 250, 255



234, 239, 248



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



239, 234, 248



244, 237, 255



246, 234, 248



119, 115, 125



67, 0, 189



22, 0, 61

Inverse Universe

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



248, 234, 243



255, 237, 249



234, 248, 246



125, 115, 121



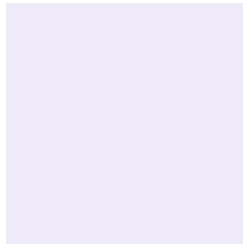
189, 0, 121



61, 0, 39

Previews

White Background



This preview shows how the RYB color 239, 234, 248 looks on a white background.

Color Contrast Check

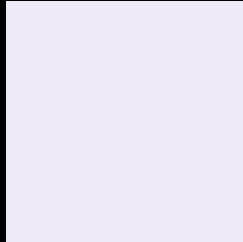
Large Text (above 18pt) WCAG AA × Fail

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 239, 234, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

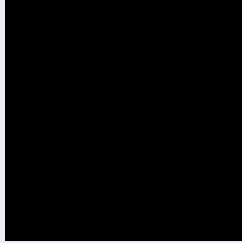
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

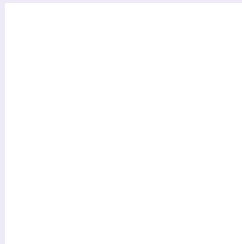
Any Text WCAG AAA ✓ Pass

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

RYB 239, 234, 248 Background



This preview shows how black text looks on a background with the RYB color 239, 234, 248.



This preview shows how white text looks on a background with the RYB color 239, 234, 248.

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
239, 234, 248

Protanopia
237, 235, 248

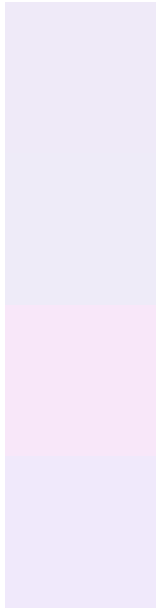
Deuteranopia
253, 229, 249



Tritanopia

240, 233, 252

Trichromacy



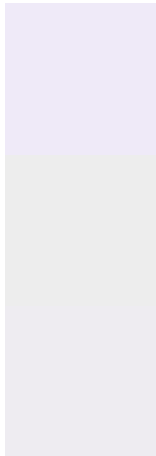
Original Color
239, 234, 248

Protanomaly
238, 235, 248

Deuteranomaly
248, 231, 249

Tritanomaly
240, 233, 251

Monochromacy



Original Color
239, 234, 248

Achromatopsia
237, 237, 237

Achromatomaly
238, 236, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 234, 248 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(239, 234, 248) looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 248)  
}
```

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(239, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 248) }
```

Border

The CSS property to change the border of an element to RYB 239, 234, 248 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(239, 234, 248) }
```

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

```
.border{ border-color:rgb(239, 234, 248) }
```

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

Here you see how a box with a 4 pixel rgb(239, 234, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 239, 234, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 248) }
```

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

```
.background{ background-color: rgb(239,  
234, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor