

Converting Colors

`RYB(239, 207, 234)`

Have a look what the booklet for
RYB(239, 207, 234) contains.

RYB(239, 207, 234)	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

$\text{RYB}(239, 207, 234)$

Conversions

Conversions Part 1

Format	Color
Hex	EFCFEA
RGB	239, 207, 234
RGB Percent	94%, 81%, 92%
CMY	0.0627, 0.1882, 0.0824
CMYK	0.00, 0.13, 0.02, 0.06
HSL	309°, 50%, 87%
HSV	309°, 13%, 94%
XYZ	72.7607, 68.9169, 87.3093
YIQ	219.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

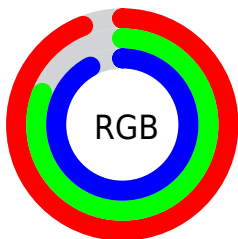
Format	Color
R_{YB}	239, 207, 234
Decimal	15716330
CIE _{Lab}	86.46, 15.74, -9.15
CIE _{LCh}	86, 18.207, 329.841
Yxy	68.9169, 0.3178, 0.3010
Android (android.graphics.Color)	4293906410 (0xFFEFCFEA)
YUV	219.6460, 7.0765, 16.9735
Hunter-Lab	83.0162, 11.1705, -4.2448

Details

The RYB color **239, 207, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **207, 235, 239**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 153, 178** is the 20% darker color. If you saturate the color by 10%, you get **239, 183, 230**, and if you desaturate by 10%, it is **239, 231, 238**.

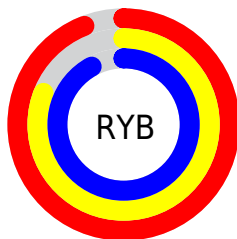
Distribution



Red (94%)

Green (81%)

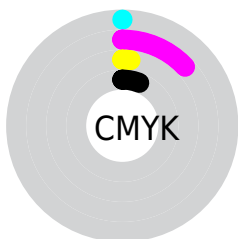
Blue (92%)



Red (94%)

Yellow (81%)

Blue (92%)

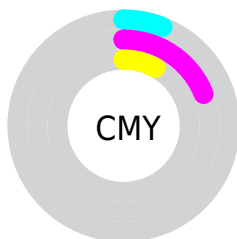


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 207, 234 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, 207, 234 by changing the saturation by 10% instead.

 239, 207, 234

255, 255, 255

 239, 207, 234

 211, 179, 206

 183, 153, 178


 156, 127, 152

 130, 101, 126

 104, 77, 101

 80, 54, 77


 57, 33, 54

 35, 12, 33

 0, 0, 7

 239, 207, 234

 239, 207, 234

 239, 183, 230

 239, 231, 238

 239, 159, 227

 239, 253, 255

 239, 135, 223


 239, 251, 255

 239, 111, 219

 239, 249, 255

 239, 87, 215

 239, 248, 255

 239, 64, 212

 239, 247, 255

 239, 40, 208

 239, 16, 204

 239, 0, 202

Harmonies

Analogous

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



220, 212, 246



239, 207, 234



251, 205, 217

Triad

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



239, 207, 234



204, 230, 182



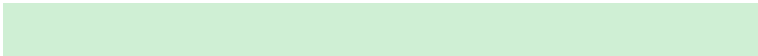
171, 200, 233

Complementary

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



239, 207, 234



207, 235, 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.



177, 205, 227



239, 207, 234



186, 221, 196

Square

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



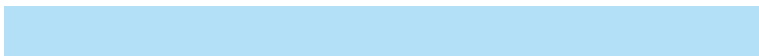
239, 207, 234



245, 225, 187



192, 219, 225



179, 206, 246

Rectangle

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



239, 207, 234



253, 205, 205



192, 219, 225



172, 199, 227

Sweetspot

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



239, 207, 234



255, 245, 253



212, 207, 239



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



239, 207, 234



255, 214, 249



239, 207, 218



120, 108, 118



184, 0, 155



56, 0, 47

Inverse Universe

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



239, 207, 234



255, 214, 249



207, 226, 239



120, 108, 118



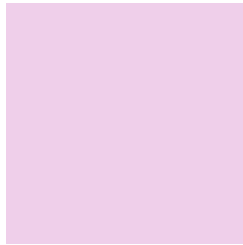
184, 0, 155



56, 0, 47

Previews

White Background



This preview shows how the RYB color 239, 207, 234 looks on a white background.

Color Contrast Check

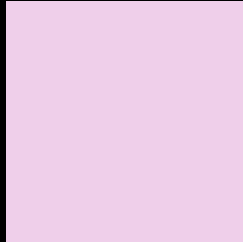
Large Text (above 18pt) WCAG AA × Fail

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, 207, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

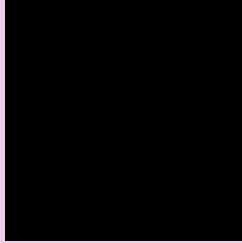
Any Text WCAG AA ✓ Pass

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, 207, 234 Background



This preview shows how black text looks on a background with the RYB color 239, 207, 234.


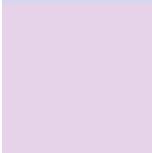


This preview shows how white text looks on a background with the RYB color 239, 207, 234.

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, 207, 234
	Protanopia 214, 215, 239
	Deuteranopia 230, 210, 233



Tritanopia
238, 209, 225

Trichromacy



Original Color

239, 207, 234

Protanomaly

223, 212, 237

Deuteranomaly

233, 209, 233

Tritanomaly

238, 208, 228

Monochromacy



Original Color

239, 207, 234

Achromatopsia

220, 220, 220

Achromatomaly

227, 215, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 207, 234 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, 207, 234) looks like.

```
.text, #text, p{  
    color:rgb(239, 207, 234)  
}
```

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, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 207, 234) }
```

Border

The CSS property to change the border of an element to RYB 239, 207, 234 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, 207, 234) }
```

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

```
.border{ border-color:rgb(239, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 207,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 239, 207, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 207, 234) }
```

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

```
.background{ background-color: rgb(239,  
207, 234) }
```

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