

Converting Colors

`RYB(239, 193, 231)`

Have a look what the booklet for
RYB(239, 193, 231) contains.

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Color

R_YB(239, 193, 231)

Conversions

Conversions Part 1

Format	Color
Hex	EFC1E7
RGB	239, 193, 231
RGB Percent	94%, 76%, 91%
CMY	0.0627, 0.2431, 0.0941
CMYK	0.00, 0.19, 0.03, 0.06
HSL	310°, 59%, 85%
HSV	310°, 19%, 94%
XYZ	69.0904, 62.2602, 83.9773
YIQ	211.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

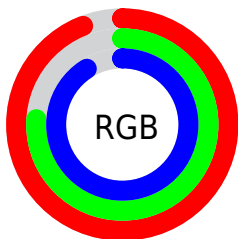
Format	Color
R_{YB}	239, 193, 231
Decimal	15712743
CIE _{Lab}	83.05, 22.62, -12.63
CIE _{LCh}	83, 25.912, 330.817
Yxy	62.2602, 0.3209, 0.2891
Android (android.graphics.Color)	4293902823 (0xFFEFC1E7)
YUV	211.0860, 9.8176, 24.4806
Hunter-Lab	78.9051, 18.2130, -7.8677

Details

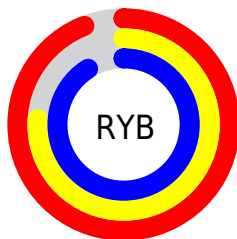
The RYB color **239, 193, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 232, 239**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 250, 255, and **183, 139, 175** is the 20% darker color. If you saturate the color by 10%, you get **239, 169, 227**, and if you desaturate by 10%, it is **239, 217, 235**.

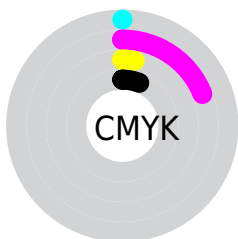
Distribution



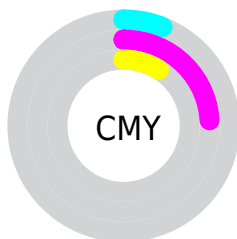
- Red (94%)
- Green (76%)
- Blue (91%)



- Red (94%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 193, 231 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, 193, 231 by changing the saturation by 10% instead.


 239, 193, 231


255, 255, 255

 255, 250, 255

 239, 193, 231

 210, 166, 203

 183, 139, 175

 156, 113, 149

 129, 89, 123

 104, 65, 98

 79, 42, 74

 55, 20, 51

 35, 0, 30

 0, 0, 2

239, 193, 231

239, 193, 231

239, 169, 227

239, 217, 235

239, 145, 223

239, 241, 241

239, 121, 219

239, 252, 255

239, 97, 214

239, 249, 255

239, 73, 210

239, 248, 255

239, 50, 206

239, 247, 255

239, 26, 202

239, 2, 198

239, 0, 197

Harmonies

Analogous

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



212, 200, 249



239, 193, 231



254, 189, 207

Triad

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



239, 193, 231



187, 225, 158



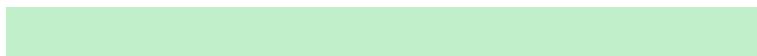
138, 182, 231

Complementary

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



239, 193, 231



193, 232, 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.



147, 188, 221



239, 193, 231



165, 213, 180

Square

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



239, 193, 231



245, 218, 165



170, 208, 218



150, 190, 249

Rectangle

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



239, 193, 231



255, 190, 191



170, 208, 218



139, 180, 223

Sweetspot

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



239, 193, 231



255, 240, 252



201, 193, 239



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



239, 193, 231



255, 196, 245



239, 193, 208



120, 108, 118



184, 0, 152



56, 0, 46

Inverse Universe

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



239, 193, 231



255, 196, 245



193, 220, 239



120, 108, 118



184, 0, 152



56, 0, 46

Previews

White Background



This preview shows how the RYB color 239, 193, 231 looks on a white background.

Color Contrast Check

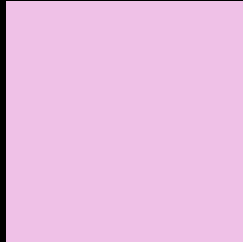
Large Text (above 18pt) WCAG AA × Fail

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, 193, 231 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, 193, 231 Background



This preview shows how black text looks on a background with the RYB color 239, 193, 231.



This preview shows how white text looks on a background with the RYB color 239, 193, 231.

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, 193, 231

Protanopia
201, 205, 239

Deuteranopia
217, 201, 229



Tritanopia
236, 196, 212

Trichromacy



Original Color
239, 193, 231

Protanomaly
215, 201, 236

Deuteranomaly
225, 198, 230

Tritanomaly
237, 195, 219

Monochromacy



Original Color
239, 193, 231

Achromatopsia
211, 211, 211

Achromatomaly
221, 204, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 193, 231 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, 193, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 193, 231)  
}
```

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, 193, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 193, 231) }
```

Border

The CSS property to change the border of an element to RYB 239, 193, 231 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, 193, 231) }
```

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

```
.border{ border-color:rgb(239, 193, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 193, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 193, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 193, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 193,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 239, 193, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 193, 231) }
```

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

```
.background{ background-color: rgb(239,  
193, 231) }
```

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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