

Converting Colors

`RYB(234, 179, 219)`

Have a look what the booklet for
RYB(234, 179, 219) contains.

RYB(234, 179, 219)	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(234, 179, 219)

Conversions

Conversions Part 1

Format	Color
Hex	EAB3DB
RGB	234, 179, 219
RGB Percent	92%, 70%, 86%
CMY	0.0824, 0.2980, 0.1412
CMYK	0.00, 0.24, 0.06, 0.08
HSL	316°, 57%, 81%
HSV	316°, 24%, 92%
XYZ	62.8380, 54.8471, 74.2925
YIQ	200.0050, 19.9400, 24.1000

Conversions

Conversions Part 2

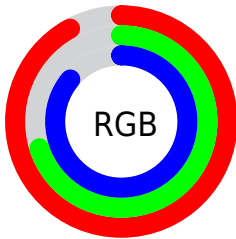
Format	Color
R_{YB}	234, 179, 219
Decimal	15381467
CIE _{Lab}	78.95, 26.30, -12.36
CIE _{LCh}	79, 29.056, 334.824
Yxy	54.8471, 0.3273, 0.2857
Android (android.graphics.Color)	4293571547 (0xFFEAB3DB)
YUV	200.0050, 9.3645, 29.8136
Hunter-Lab	74.0588, 21.8520, -7.6359

Details

The RYB color **234, 179, 219** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **179, 222, 234**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 235, 255**, and **178, 126, 164** is the 20% darker color. If you saturate the color by 10%, you get **234, 156, 213**, and if you desaturate by 10%, it is **234, 202, 225**.

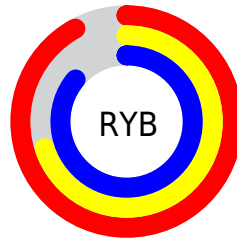
Distribution



Red (92%)

Green (70%)

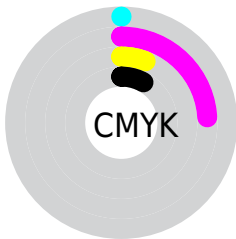
Blue (86%)



Red (92%)

Yellow (70%)

Blue (86%)

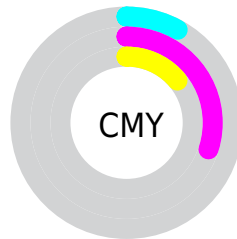


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 179, 219 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 234, 179, 219 by changing the saturation by 10% instead.

 234, 179, 219


255, 255, 255


 255, 235, 255

 234, 179, 219

 206, 152, 191

 178, 126, 164


 151, 100, 138

 124, 76, 112


 99, 52, 88

 74, 30, 64


 50, 6, 42

 31, 0, 22


 0, 0, 0

 234, 179, 219

 234, 179, 219

 234, 156, 213

 234, 202, 225

 234, 132, 206


 234, 226, 232

 234, 109, 200

 234, 246, 249

 234, 85, 193

 234, 248, 255

 234, 62, 187

 234, 246, 255

 234, 39, 181

 234, 245, 255

 234, 15, 174

 234, 0, 170

Harmonies

Analogous

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



205, 187, 240



234, 179, 219



249, 176, 192

Triad

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



234, 179, 219



163, 211, 142



115, 166, 225

Complementary

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



234, 179, 219



179, 222, 234

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.



124, 171, 211



234, 179, 219



151, 203, 173

Square

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



234, 179, 219



235, 217, 147



150, 193, 209



132, 176, 244

Rectangle

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



234, 179, 219



250, 177, 174



150, 193, 209



115, 164, 217

Sweetspot

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



234, 179, 219



255, 237, 250



194, 179, 234



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 179, 219



255, 184, 236



234, 179, 192



117, 106, 114



181, 0, 132



54, 0, 39

Inverse Universe

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



234, 179, 219



255, 184, 236



179, 210, 234



117, 106, 114



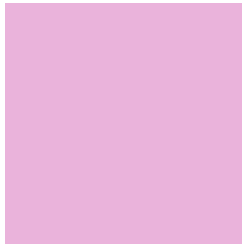
181, 0, 132



54, 0, 39

Previews

White Background



This preview shows how the RYB color 234, 179, 219 looks on a white background.

Color Contrast Check

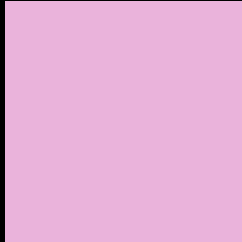
Large Text (above 18pt) WCAG AA × Fail

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 234, 179, 219 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 234, 179, 219 Background



This preview shows how black text looks on a background with the RYB color 234, 179, 219.



This preview shows how white text looks on a background with the RYB color 234, 179, 219.

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
234, 179, 219

Protanopia
189, 193, 229

Deuteranopia
205, 190, 217



Tritanopia
231, 183, 197

Trichromacy



Original Color

234, 179, 219



Protanomaly

205, 189, 225



Deuteranomaly

216, 186, 218



Tritanomaly

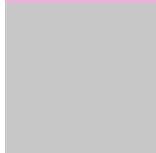
232, 182, 205

Monochromacy



Original Color

234, 179, 219



Achromatopsia

200, 200, 200



Achromatomaly

212, 192, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 179, 219 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(234, 179, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 179, 219)  
}
```

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(234, 179, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 179, 219) }
```

Border

The CSS property to change the border of an element to RYB 234, 179, 219 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(234, 179, 219) }
```

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

```
.border{ border-color:rgb(234, 179, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 179, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 179, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 179, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 179,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 234, 179, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 179, 219) }
```

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

```
.background{ background-color: rgb(234,  
179, 219) }
```

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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