

Converting Colors

`RYB(245, 179, 211)`

Have a look what the booklet for
RYB(245, 179, 211) contains.

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Color

R_YB(245, 179, 211)

Conversions

Conversions Part 1

Format	Color
Hex	F5B3D3
RGB	245, 179, 211
RGB Percent	96%, 70%, 83%
CMY	0.0392, 0.2980, 0.1725
CMYK	0.00, 0.27, 0.14, 0.04
HSL	331°, 77%, 83%
HSV	331°, 27%, 96%
XYZ	65.5342, 56.3558, 69.0518
YIQ	202.3820, 29.0640, 23.9440

Conversions

Conversions Part 2

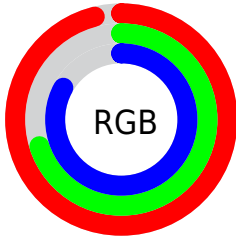
Format	Color
R _Y B	245, 179, 211
Decimal	16102355
CIE Lab	79.82, 28.72, -6.63
CIE LCh	80, 29.475, 346.999
Yxy	56.3558, 0.3432, 0.2951
Android (android.graphics.Color)	4294292435 (0xFFF5B3D3)
YUV	202.3820, 4.2487, 37.3760
Hunter-Lab	75.0705, 24.4514, -1.9871

Details

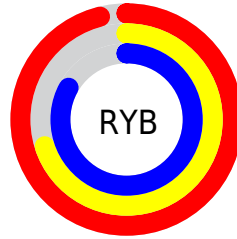
The RYB color **245, 179, 211** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **179, 223, 245**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 235, 255**, and **188, 126, 157** is the 20% darker color. If you saturate the color by 10%, you get **245, 155, 198**, and if you desaturate by 10%, it is **245, 203, 224**.

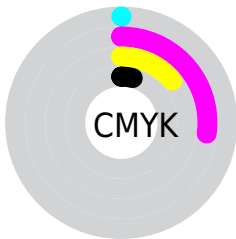
Distribution



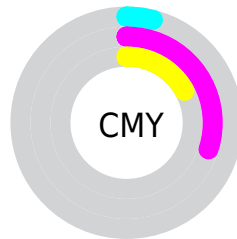
- Red (96%)
- Green (70%)
- Blue (83%)



- Red (96%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 179, 211 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 245, 179, 211 by changing the saturation by 10% instead.

 245, 179, 211


255, 255, 255

 255, 235, 255

 245, 179, 211

 216, 152, 183

 188, 126, 157

 160, 100, 130

 133, 75, 105

 107, 52, 81

 82, 28, 58

 57, 4, 37

 39, 0, 16

 0, 0, 0

 245, 179, 211

 245, 179, 211

 245, 155, 198

 245, 203, 224

 245, 130, 186


 245, 228, 236


 245, 106, 173

 245, 249, 252

 245, 81, 161

 245, 250, 255

 245, 56, 148

 245, 32, 135

 245, 7, 123

 245, 0, 119

Harmonies

Analogous

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



221, 186, 236



245, 179, 211



254, 178, 183

Triad

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



245, 179, 211



146, 202, 145



120, 171, 237

Complementary

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



245, 179, 211



179, 223, 245

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.



118, 166, 213



245, 179, 211



160, 208, 198

Square

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



245, 179, 211



211, 229, 145



140, 184, 212



147, 184, 251

Rectangle

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



245, 179, 211



251, 184, 166



140, 184, 212



116, 168, 230

Sweetspot

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



245, 179, 211



255, 235, 244



212, 179, 245



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



245, 179, 211



255, 173, 213



245, 179, 179



122, 110, 116



186, 0, 90



59, 0, 28

Inverse Universe

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



245, 179, 211



255, 173, 213



179, 212, 245



122, 110, 116



186, 0, 90



59, 0, 28

Previews

White Background



This preview shows how the RYB color 245, 179, 211 looks on a white background.

Color Contrast Check

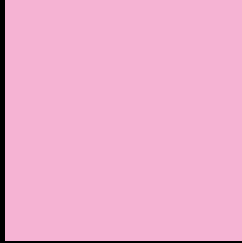
Large Text (above 18pt) WCAG AA × Fail

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 245, 179, 211 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](#).

R Y B 245, 179, 211 Background



This preview shows how black text looks on a background with the R Y B color 245, 179, 211.




This preview shows how white text looks on a background with the R Y B color 245, 179, 211.

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





Tritanopia
243, 182, 196

Trichromacy



Original Color

245, 179, 211



Protanomaly

213, 190, 218



Deuteranomaly

225, 187, 210



Tritanomaly

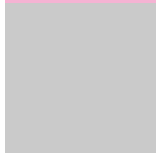
244, 181, 201

Monochromacy



Original Color

245, 179, 211



Achromatopsia

202, 202, 202



Achromatomaly

218, 194, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 179, 211 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(245, 179, 211) looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 211)  
}
```

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(245, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 211) }
```

Border

The CSS property to change the border of an element to RYB 245, 179, 211 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(245, 179, 211) }
```

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

```
.border{ border-color:rgb(245, 179, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 245, 179, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 211) }
```

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

```
.background{ background-color: rgb(245,  
179, 211) }
```

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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