

Converting Colors

`RYB(245, 179, 196)`

Have a look what the booklet for
RYB(245, 179, 196) contains.

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Color

R_YB(245, 179, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F5B3C4
RGB	245, 179, 196
RGB Percent	96%, 70%, 77%
CMY	0.0392, 0.2980, 0.2314
CMYK	0.00, 0.27, 0.20, 0.04
HSL	345°, 77%, 83%
HSV	345°, 27%, 96%
XYZ	63.7401, 55.6382, 59.6043
YIQ	200.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

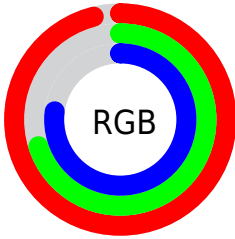
Format	Color
R _Y B	245, 179, 196
Decimal	16102340
CIE Lab	79.41, 26.41, 0.89
CIE LCh	79, 26.427, 1.926
Yxy	55.6382, 0.3561, 0.3109
Android (android.graphics.Color)	4294292420 (0xFFFF5B3C4)
YUV	200.6720, -2.3033, 38.8757
Hunter-Lab	74.5910, 21.9989, 4.8361

Details

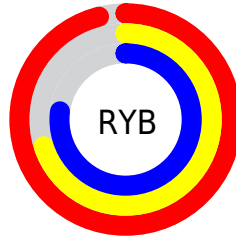
The RYB color **245, 179, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **179, 217, 245**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 235, 253**, and **188, 126, 142** is the 20% darker color. If you saturate the color by 10%, you get **245, 155, 178**, and if you desaturate by 10%, it is **245, 203, 214**.

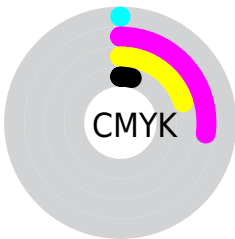
Distribution



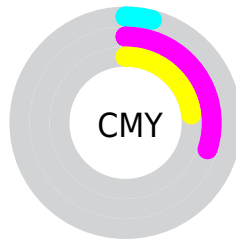
- Red (96%)
- Green (70%)
- Blue (77%)



- Red (96%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 179, 196 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, 196 by changing the saturation by 10% instead.

 245, 179, 196


255, 255, 255

 255, 235, 253

 245, 179, 196


 216, 152, 169

 188, 126, 142

 160, 100, 117

 133, 76, 92


 107, 52, 69

 81, 29, 47

 57, 5, 26

 37, 0, 1

 0, 0, 0

 245, 179, 196

 245, 179, 196

 245, 155, 178

 245, 203, 214

 245, 130, 160

 245, 228, 232

 245, 106, 141

 245, 249, 252

 245, 81, 123

 245, 250, 255

 245, 56, 105

 245, 32, 87

 245, 7, 69

 245, 0, 63

Harmonies

Analogous

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



230, 182, 220



245, 179, 196



246, 182, 172

Triad

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



245, 179, 196



155, 203, 171



139, 179, 239

Complementary

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



245, 179, 196



179, 217, 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.



126, 171, 222



245, 179, 196



159, 197, 208

Square

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



245, 179, 196



171, 213, 148



135, 177, 211



169, 190, 245

Rectangle

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



245, 179, 196



240, 197, 159



135, 177, 211



132, 175, 235

Sweetspot

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



245, 179, 196



255, 235, 240



227, 179, 245



128, 115, 118



0, 0, 0



128, 128, 128

Same Dimension

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



245, 179, 196



255, 173, 194



245, 198, 179



122, 110, 113



186, 0, 48



59, 0, 15

Inverse Universe

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



245, 179, 196



255, 173, 194



179, 208, 245



122, 110, 113



186, 0, 48



59, 0, 15

Previews

White Background



This preview shows how the RYB color 245, 179, 196 looks on a white background.

Color Contrast Check

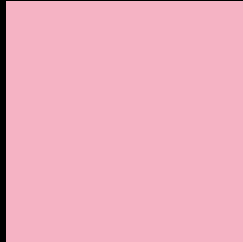
Large Text (above 18pt) WCAG AA × Fail

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, 196 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](#).

RYP 245, 179, 196 Background



This preview shows how black text looks on a background with the RYP color 245, 179, 196.



This preview shows how white text looks on a background with the RYP color 245, 179, 196.

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
245, 179, 196

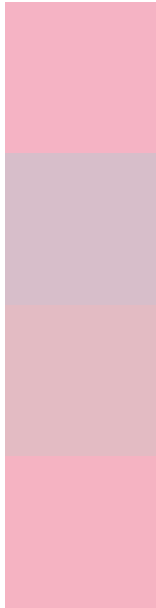
Protanopia
198, 196, 206

Deuteranopia
217, 191, 194



Tritanopia
245, 179, 193

Trichromacy



Original Color

245, 179, 196

Protanomaly

215, 190, 202

Deuteranomaly

227, 187, 195

Tritanomaly

245, 179, 194

Monochromacy



Original Color

245, 179, 196

Achromatopsia

201, 201, 201

Achromatomaly

217, 193, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 179, 196 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, 196) looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 196) }
```

Border

The CSS property to change the border of an element to RYB 245, 179, 196 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, 196) }
```

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

```
.border{ border-color:rgb(245, 179, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 245, 179, 196 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, 196) }
```

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

```
.background{ background-color: rgb(245,  
179, 196) }
```

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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