

Converting Colors

`RYB(247, 177, 212)`

Have a look what the booklet for
RYB(247, 177, 212) contains.

RYB(247, 177, 212)	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(247, 177, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F7B1D4
RGB	247, 177, 212
RGB Percent	97%, 69%, 83%
CMY	0.0314, 0.3059, 0.1686
CMYK	0.00, 0.28, 0.14, 0.03
HSL	330°, 81%, 83%
HSV	330°, 28%, 97%
XYZ	65.9636, 55.9719, 69.6144
YIQ	201.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

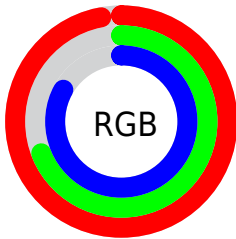
Format	Color
R _Y B	247, 177, 212
Decimal	16232916
CIE Lab	79.60, 30.62, -7.47
CIE LCh	80, 31.521, 346.287
Yxy	55.9719, 0.3444, 0.2922
Android (android.graphics.Color)	4294422996 (0xFFF7B1D4)
YUV	201.9200, 4.9694, 39.5352
Hunter-Lab	74.8144, 26.4577, -2.7990

Details

The RYB color **247, 177, 212** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **177, 224, 247**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 233, 255**, and **190, 124, 157** is the 20% darker color. If you saturate the color by 10%, you get **247, 152, 200**, and if you desaturate by 10%, it is **247, 202, 224**.

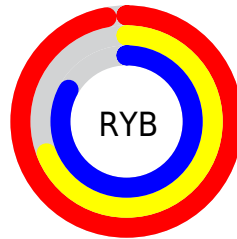
Distribution



Red (97%)

Green (69%)

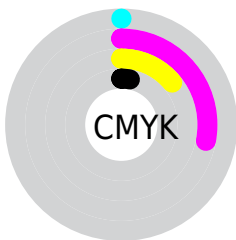
Blue (83%)



Red (97%)

Yellow (69%)

Blue (83%)

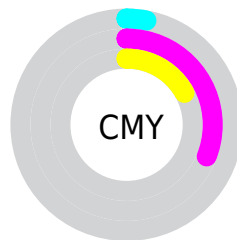


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 177, 212 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 247, 177, 212 by changing the saturation by 10% instead.


 247, 177, 212

 247, 177, 212


255, 255, 255

 218, 150, 184

 255, 233, 255

 190, 124, 157

 162, 98, 131

 135, 73, 106

 109, 49, 82

 83, 26, 59

 59, 1, 37

 39, 0, 17

 0, 0, 0

■ 247, 177, 212

■ 247, 177, 212

■ 247, 152, 200

■ 247, 202, 224

■ 247, 128, 187

■ 247, 226, 237

■ 247, 103, 175

■ 247, 250, 251

■ 247, 78, 163

■ 247, 251, 255

■ 247, 54, 150

■ 247, 29, 138

■ 247, 4, 126

■ 247, 0, 124

Harmonies

Analogous

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



221, 184, 238



247, 177, 212



255, 176, 182

Triad

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



247, 177, 212



142, 202, 140



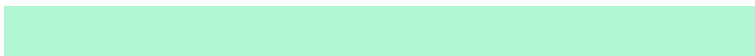
110, 167, 239

Complementary

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



247, 177, 212



177, 224, 247

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.



110, 162, 214



247, 177, 212



156, 208, 195

Square

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



247, 177, 212



210, 230, 141



135, 184, 213



141, 181, 254

Rectangle

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



247, 177, 212



254, 182, 164



135, 184, 213



106, 163, 231

Sweetspot

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



247, 177, 212



255, 232, 244



212, 177, 247



128, 113, 120



0, 0, 0



128, 128, 128

Same Dimension

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



247, 177, 212



255, 168, 212



247, 177, 177



122, 110, 116



186, 0, 93



59, 0, 29

Inverse Universe

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



247, 177, 212



255, 168, 212



177, 212, 247



122, 110, 116



186, 0, 93



59, 0, 29

Previews

White Background



This preview shows how the RYB color 247, 177, 212 looks on a white background.

Color Contrast Check

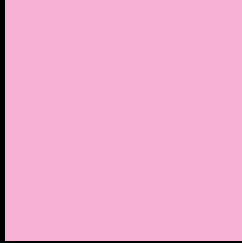
Large Text (above 18pt) WCAG AA × Fail

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 247, 177, 212 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 247, 177, 212 Background



This preview shows how black text looks on a background with the RYB color 247, 177, 212.



This preview shows how white text looks on a background with the RYB color 247, 177, 212.

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
247, 177, 212

Protanopia
193, 196, 224

Deuteranopia
211, 192, 209



Tritanopia
245, 180, 194

Trichromacy



Original Color

247, 177, 212



Protanomaly

213, 189, 220



Deuteranomaly

224, 187, 210



Tritanomaly

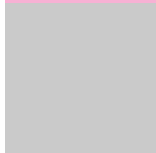
246, 179, 201

Monochromacy



Original Color

247, 177, 212



Achromatopsia

202, 202, 202



Achromatomaly

218, 193, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 177, 212 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(247, 177, 212) looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 212)  
}
```

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(247, 177, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 212) }
```

Border

The CSS property to change the border of an element to RYB 247, 177, 212 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(247, 177, 212) }
```

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

```
.border{ border-color:rgb(247, 177, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 177, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 247, 177, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 212) }
```

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

```
.background{ background-color: rgb(247,  
177, 212) }
```

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