

Converting Colors

RGB(247, 176, 213)

Have a look what the booklet for
RGB(247, 176, 213) contains.

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Color

RGB(247, 176, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F7B0D5
RGB	247, 176, 213
RGB Percent	97%, 69%, 84%
CMY	0.0314, 0.3098, 0.1647
CMYK	0.00, 0.29, 0.14, 0.03
HSL	329°, 82%, 83%
HSV	329°, 29%, 97%
XYZ	65.8933, 55.6289, 70.2153
YIQ	201.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

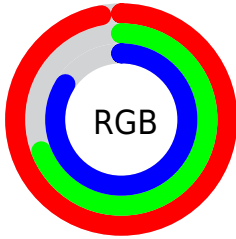
Format	Color
R_{YB}	247, 176, 213
Decimal	16232661
CIE Lab	79.40, 31.31, -8.30
CIE LCh	79, 32.391, 345.145
Yxy	55.6289, 0.3437, 0.2901
Android (android.graphics.Color)	4294422741 (0xFFFF7B0D5)
YUV	201.4470, 5.6956, 39.9500
Hunter-Lab	74.5848, 27.1758, -3.6072

Details

The RGB color **247, 176, 213** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **176, 247, 210**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 232, 255**, and **190, 123, 158** is the 20% darker color. If you saturate the color by 10%, you get **247, 151, 201**, and if you desaturate by 10%, it is **247, 201, 225**.

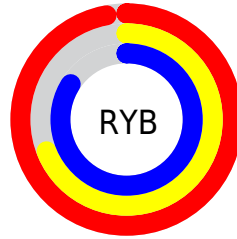
Distribution



Red (97%)

Green (69%)

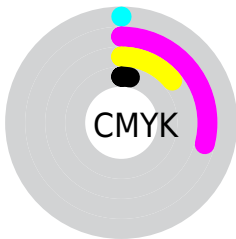
Blue (84%)



Red (97%)

Yellow (69%)

Blue (84%)

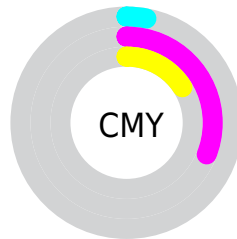


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 176, 213 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 RGB color 247, 176, 213 by changing the saturation by 10% instead.


 247, 176, 213

 247, 176, 213

255, 255, 255

 218, 149, 185

 255, 232, 255

 190, 123, 158

 162, 97, 132

 135, 72, 107

 109, 48, 83

 83, 24, 60

 59, 0, 38

 39, 0, 17

 0, 0, 0

■ 247, 176, 213

■ 247, 176, 213

■ 247, 151, 201

■ 247, 201, 225

■ 247, 127, 189

■ 247, 225, 237

■ 247, 102, 178

■ 247, 250, 248

■ 247, 77, 166

■ 247, 255, 255

■ 247, 52, 154

■ 247, 28, 142

■ 247, 3, 130

■ 247, 0, 129

Harmonies

Analogous

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



220, 184, 239



247, 176, 213



255, 175, 182

Triad

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



247, 176, 213



203, 200, 138



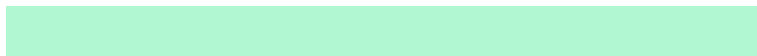
105, 211, 238

Complementary

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



247, 176, 213



176, 247, 210

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.



106, 213, 211



247, 176, 213



169, 208, 153

Square

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



247, 176, 213



232, 190, 139



134, 212, 180



136, 204, 254

Rectangle

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



247, 176, 213



255, 178, 163



134, 212, 180



101, 212, 230

Sweetspot

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



247, 176, 213



255, 232, 244



209, 176, 247



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



247, 176, 213



255, 168, 213



247, 176, 178



122, 110, 117



186, 0, 97



59, 0, 31

Inverse Universe

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



247, 176, 213



255, 168, 213



176, 247, 245



122, 110, 117



186, 0, 97



59, 0, 31

Previews

White Background



This preview shows how the RGB color 247, 176, 213 looks on a white background.

Color Contrast Check

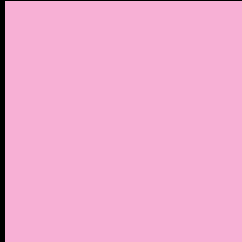
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 176, 213 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](#).

RGB 247, 176, 213 Background



This preview shows how black text looks on a background with the RGB color 247, 176, 213.



This preview shows how white text looks on a background with the RGB color 247, 176, 213.

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, 176, 213

Protanopia
192, 196, 225

Deuteranopia
210, 191, 210



Tritanopia
245, 179, 193

Trichromacy



Original Color

247, 176, 213



Protanomaly

212, 189, 221



Deuteranomaly

223, 186, 211



Tritanomaly

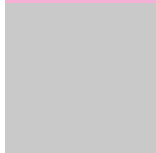
246, 178, 200

Monochromacy



Original Color

247, 176, 213



Achromatopsia

201, 201, 201



Achromatomaly

218, 192, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 176, 213 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, 176, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 176, 213)  
}
```

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, 176, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 176, 213) }
```

Border

The CSS property to change the border of an element to RGB 247, 176, 213 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, 176, 213) }
```

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

```
.border{ border-color:rgb(247, 176, 213) }
```

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

Here you see how a box with a 4 pixel rgb(247, 176, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 176, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 176, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 176,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 247, 176, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 176, 213) }
```

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

```
.background{ background-color: rgb(247,  
176, 213) }
```

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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