

# Converting Colors

RGB(247, 178, 250)

Have a look what the booklet for  
RGB(247, 178, 250) contains.

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# **Color**

**RGB(247, 178, 250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7B2FA
RGB	247, 178, 250
RGB Percent	97%, 70%, 98%
CMY	0.0314, 0.3020, 0.0196
CMYK	0.01, 0.29, 0.00, 0.02
HSL	298°, 88%, 84%
HSV	298°, 29%, 98%
XYZ	71.5335, 58.5171, 97.9672
YIQ	206.8390, 18.0120, 37.0200

# Conversions

## Conversions Part 2

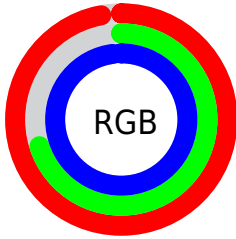
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 178, 250
Decimal	16233210
CIE Lab	81.03, 36.59, -25.79
CIE LCh	81, 44.771, 324.820
Yxy	58.5171, 0.3137, 0.2566
Android (android.graphics.Color)	4294423290 (0xFFF7B2FA)
YUV	206.8390, 21.2784, 35.2212
Hunter-Lab	76.4965, 33.0504, -22.3838

# Details

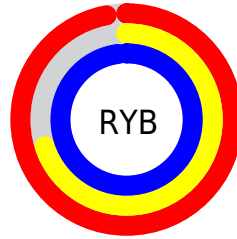
The RGB color **247, 178, 250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **181, 250, 178**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 234, 255**, and **190, 124, 193** is the 20% darker color. If you saturate the color by 10%, you get **246, 153, 250**, and if you desaturate by 10%, it is **248, 203, 250**.

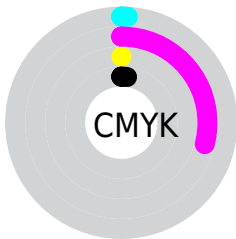
# Distribution



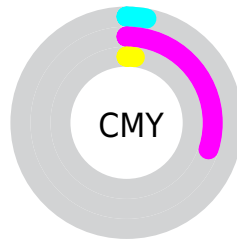
- Red (97%)
- Green (70%)
- Blue (98%)



- Red (97%)
- Yellow (70%)
- Blue (98%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (30%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 247, 178, 250 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, 178, 250 by changing the saturation by 10% instead.




 247, 178, 250

 247, 178, 250


255, 255, 255

 218, 151, 221

 255, 234, 255

 190, 124, 193

 162, 99, 166


 135, 74, 140

 109, 49, 114

 83, 25, 89

 59, 0, 65

 38, 0, 43


 0, 1, 21

 247, 178, 250

 247, 178, 250

 246, 153, 250


 248, 203, 250

 245, 128, 250

 249, 228, 250

 244, 103, 250


 250, 253, 250

 243, 78, 250

 251, 255, 250

 242, 53, 250

 252, 255, 250

 241, 28, 250

 253, 255, 250

 240, 3, 250

 254, 255, 250

 240, 0, 250

 255, 255, 250

# Harmonies

## Analogous

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



195, 193, 255



247, 178, 250



255, 169, 210

# Triad

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



247, 178, 250



235, 196, 117



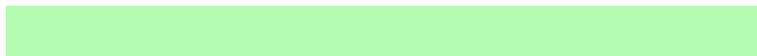
0, 223, 235

# Complementary

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



247, 178, 250



181, 250, 178

# 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.



85, 223, 192



247, 178, 250



193, 209, 124

# Square

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



247, 178, 250



255, 182, 134



144, 218, 151



32, 218, 255

# Rectangle

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



247, 178, 250



255, 169, 182



144, 218, 151



28, 223, 221



# Sweetspot

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



247, 178, 250



254, 232, 255



178, 182, 250



127, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



247, 178, 250



251, 166, 255



250, 178, 218



124, 112, 125



181, 0, 189



59, 0, 61



# Inverse Universe

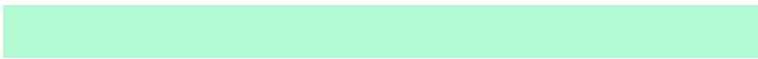
The Inverse Universe completely reimagines the original color for something new.



250, 178, 181



255, 166, 169



178, 250, 210



125, 112, 113



189, 0, 8



61, 0, 3



# Previews

## White Background



This preview shows how the RGB color 247, 178, 250 looks on a white background.

## Color Contrast Check

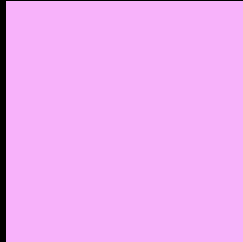
Large Text (above 18pt) WCAG AA × Fail

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, 178, 250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

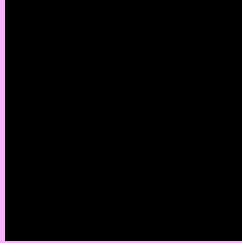
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 247, 178, 250 Background



This preview shows how black text looks on a background with the RGB color 247, 178, 250.

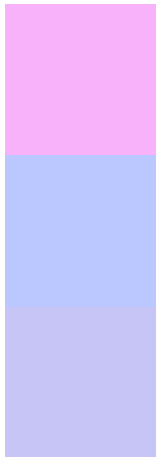


This preview shows how white text looks on a background with the RGB color 247, 178, 250.

# 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, 178, 250

**Protanopia**  
187, 200, 255

**Deuteranopia**  
199, 197, 246



**Tritanopia**  
240, 187, 202

# Trichromacy



**Original Color**

247, 178, 250



**Protanomaly**

209, 192, 253



**Deuteranomaly**

216, 190, 247



**Tritanomaly**

243, 184, 219

# Monochromacy



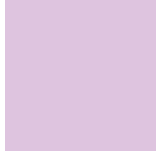
**Original Color**

247, 178, 250



**Achromatopsia**

207, 207, 207



**Achromatomaly**

222, 196, 223

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 247, 178, 250 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, 178, 250)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 250)  
}
```

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, 178, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 250) }
```

## Border

The CSS property to change the border of an element to RGB 247, 178, 250 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, 178, 250) }
```

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

```
.border{ border-color:rgb(247, 178, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 250);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
250) }
```

# Background

The CSS property to change the background color of an element to RGB 247, 178, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 250) }
```

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

```
.background{ background-color: rgb(247,  
178, 250) }
```

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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