

Converting Colors

RGB(255, 178, 218)

Have a look what the booklet for
RGB(255, 178, 218) contains.

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Color

RGB(255, 178, 218)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2DA
RGB	255, 178, 218
RGB Percent	100%, 70%, 85%
CMY	0.0000, 0.3020, 0.1451
CMYK	0.00, 0.30, 0.15, 0.00
HSL	329°, 100%, 85%
HSV	329°, 30%, 100%
XYZ	69.8153, 58.1627, 73.8765
YIQ	205.5830, 33.0520, 28.7640

Conversions

Conversions Part 2

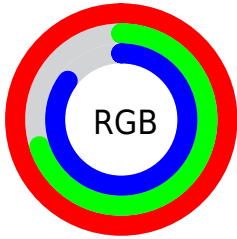
Format	Color
R _Y B	255, 178, 218
Decimal	16757466
CIE Lab	80.83, 33.77, -8.80
CIE LCh	81, 34.896, 345.399
Yxy	58.1627, 0.3459, 0.2881
Android (android.graphics.Color)	4294947546 (0xFFFFB2DA)
YUV	205.5830, 6.1216, 43.3387
Hunter-Lab	76.2645, 29.9425, -4.0484

Details

The RGB color **255, 178, 218** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **178, 255, 215**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 234, 255**, and **197, 124, 163** is the 20% darker color. If you saturate the color by 10%, you get **255, 152, 206**, and if you desaturate by 10%, it is **255, 203, 230**.

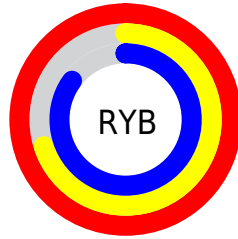
Distribution



Red (100%)

Green (70%)

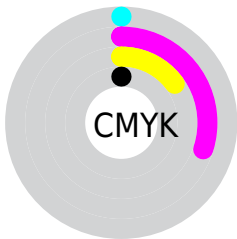
Blue (85%)



Red (100%)

Yellow (70%)

Blue (85%)

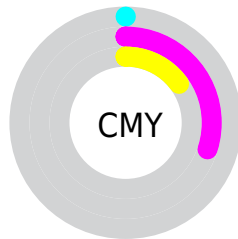


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 178, 218 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 255, 178, 218 by changing the saturation by 10% instead.

 255, 178, 218

 255, 178, 218

255, 255, 255


 226, 151, 190

 255, 234, 255

 197, 124, 163

 169, 99, 137

 142, 74, 111

 115, 49, 87

 89, 25, 64

 64, 0, 42

 43, 0, 22

 0, 0, 0

■ 255, 178, 218

■ 255, 178, 218

■ 255, 152, 206

■ 255, 203, 230

■ 255, 127, 193

■ 255, 229, 243

■ 255, 101, 181

255, 255, 255

■ 255, 76, 169

255, 255, 255

■ 255, 50, 157

■ 255, 25, 144

■ 255, 0, 132

Harmonies

Analogous

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



226, 186, 247



255, 178, 218



255, 177, 185

Triad

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



255, 178, 218



206, 204, 137



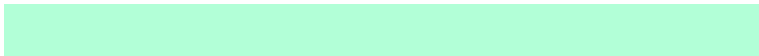
98, 216, 246

Complementary

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



255, 178, 218



178, 255, 215

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.



100, 219, 217



255, 178, 218



170, 212, 154

Square

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



255, 178, 218



238, 193, 138



131, 218, 183



134, 209, 255

Rectangle

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



255, 178, 218



255, 180, 164



131, 218, 183



93, 217, 237

Sweetspot

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



255, 178, 218



255, 232, 244



214, 178, 255



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



255, 178, 218



255, 163, 211



255, 178, 181



128, 115, 121



191, 0, 99



64, 0, 33

Inverse Universe

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



255, 178, 218



255, 163, 211



178, 255, 252



128, 115, 121



191, 0, 99



64, 0, 33

Previews

White Background



This preview shows how the RGB color 255, 178, 218 looks on a white background.

Color Contrast Check

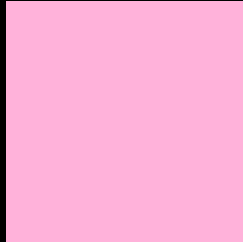
Large Text (above 18pt) WCAG AA × Fail

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 255, 178, 218 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 255, 178, 218 Background



This preview shows how black text looks on a background with the RGB color 255, 178, 218.

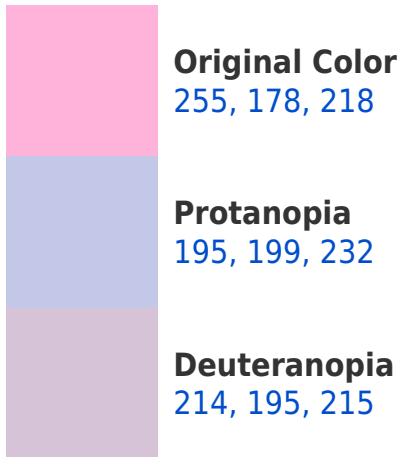



This preview shows how white text looks on a background with the RGB color 255, 178, 218.

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
252, 182, 196

Trichromacy



Original Color

255, 178, 218



Protanomaly

217, 191, 227



Deuteranomaly

229, 189, 216



Tritanomaly

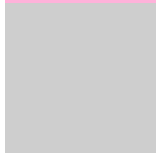
253, 181, 204

Monochromacy



Original Color

255, 178, 218



Achromatopsia

206, 206, 206



Achromatomaly

224, 196, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 178, 218 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(255, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 218)  
}
```

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(255, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 218) }
```

Border

The CSS property to change the border of an element to RGB 255, 178, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

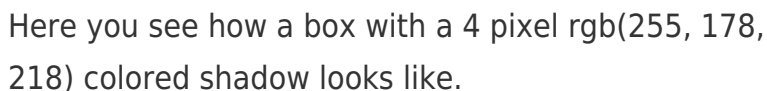
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 178, 218) }
```

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

```
.border{ border-color:rgb(255, 178, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 255, 178, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 218) }
```

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

```
.background{ background-color: rgb(255,  
178, 218) }
```

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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