

Converting Colors

`RYB(255, 178, 219)`

Have a look what the booklet for
RYB(255, 178, 219) contains.

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Color

`RYB(255, 178, 219)`

Conversions

Conversions Part 1

Format	Color
Hex	FFB2DB
RGB	255, 178, 219
RGB Percent	100%, 70%, 86%
CMY	0.0000, 0.3020, 0.1412
CMYK	0.00, 0.30, 0.14, 0.00
HSL	328°, 100%, 85%
HSV	328°, 30%, 100%
XYZ	69.9466, 58.2153, 74.5679
YIQ	205.6970, 32.7310, 29.0750

Conversions

Conversions Part 2

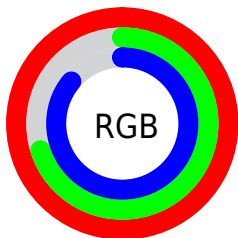
Format	Color
R _Y B	255, 178, 219
Decimal	16757467
CIE Lab	80.86, 33.93, -9.29
CIE LCh	81, 35.175, 344.682
Yxy	58.2153, 0.3450, 0.2872
Android (android.graphics.Color)	4294947547 (0xFFFFB2DB)
YUV	205.6970, 6.5584, 43.2387
Hunter-Lab	76.2989, 30.1157, -4.5356

Details

The RYB color **255, 178, 219** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **178, 230, 255**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 234, 255**, and **197, 124, 164** is the 20% darker color. If you saturate the color by 10%, you get **255, 152, 207**, and if you desaturate by 10%, it is **255, 203, 231**.

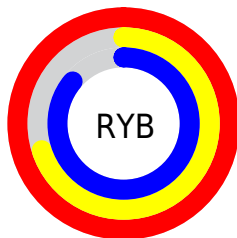
Distribution



Red (100%)

Green (70%)

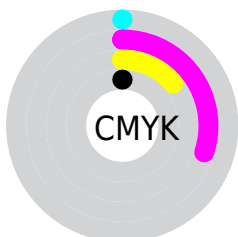
Blue (86%)



Red (100%)

Yellow (70%)

Blue (86%)

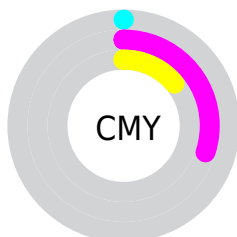


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 178, 219 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 255, 178, 219 by changing the saturation by 10% instead.

 255, 178, 219

 255, 178, 219

255, 255, 255

 226, 151, 191

 255, 234, 255

 197, 124, 164

 169, 99, 138

 142, 74, 112

 115, 49, 88

 89, 25, 65

 64, 0, 42

 43, 0, 22

 0, 0, 0

■ 255, 178, 219

■ 255, 178, 219

■ 255, 152, 207

■ 255, 203, 231

■ 255, 127, 195

■ 255, 229, 243

■ 255, 101, 183

255, 255, 255

■ 255, 76, 171

■ 255, 50, 159

■ 255, 25, 147

■ 255, 0, 136

Harmonies

Analogous

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



225, 187, 248



255, 178, 219



255, 176, 186

Triad

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



255, 178, 219



140, 207, 137



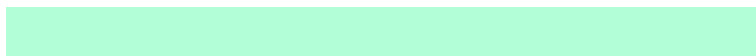
96, 163, 246

Complementary

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



255, 178, 219



178, 230, 255

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.



99, 160, 219



255, 178, 219



153, 212, 195

Square

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



255, 178, 219



222, 239, 138



132, 186, 218



132, 179, 255

Rectangle

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



255, 178, 219



255, 183, 165



132, 186, 218



92, 159, 237

Sweetspot

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



255, 178, 219



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, 219



255, 163, 212



255, 178, 181



128, 115, 122



191, 0, 102



64, 0, 34

Inverse Universe

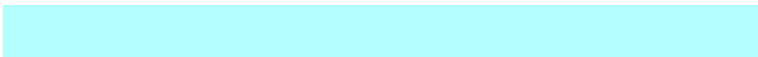
The Inverse Universe completely reimagines the original color for something new.



255, 178, 219



255, 163, 212



178, 217, 255



128, 115, 122



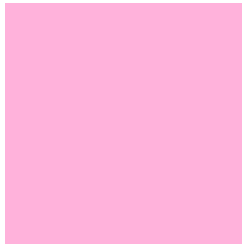
191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RYB color 255, 178, 219 looks on a white background.

Color Contrast Check

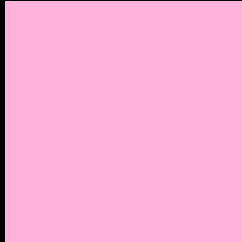
Large Text (above 18pt) WCAG AA × Fail

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 255, 178, 219 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 255, 178, 219 Background



This preview shows how black text looks on a background with the RYB color 255, 178, 219.

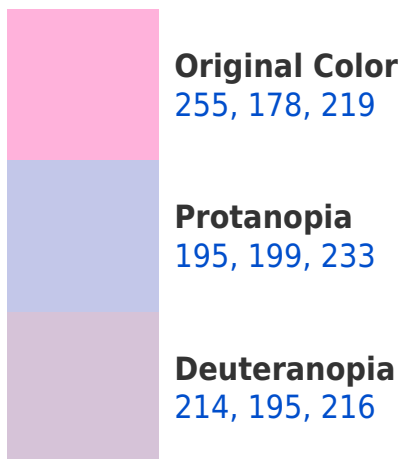



This preview shows how white text looks on a background with the RYB color 255, 178, 219.

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





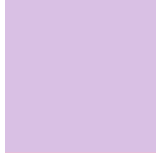
Tritanopia
252, 182, 196

Trichromacy



Original Color

255, 178, 219



Protanomaly

217, 192, 228



Deuteranomaly

229, 189, 217



Tritanomaly

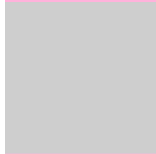
253, 181, 204

Monochromacy



Original Color

255, 178, 219



Achromatopsia

206, 206, 206



Achromatomaly

224, 196, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 178, 219 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 219) }
```

Border

The CSS property to change the border of an element to RYB 255, 178, 219 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, 219) }
```

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

```
.border{ border-color:rgb(255, 178, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 255, 178, 219 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
178, 219) }
```

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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