

Converting Colors

`RYB(255, 179, 250)`

Have a look what the booklet for
RYB(255, 179, 250) contains.

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Color

R_YB(255, 179, 250)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3FA
RGB	255, 179, 250
RGB Percent	100%, 70%, 98%
CMY	0.0000, 0.2980, 0.0196
CMYK	0.00, 0.30, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 30%, 100%
XYZ	74.6154, 60.4023, 98.1686
YIQ	209.8180, 22.5050, 38.1930

Conversions

Conversions Part 2

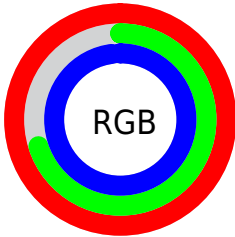
Format	Color
R _Y B	255, 179, 250
Decimal	16757754
CIE Lab	82.06, 38.59, -24.15
CIE LCh	82, 45.523, 327.962
Yxy	60.4023, 0.3200, 0.2590
Android (android.graphics.Color)	4294947834 (0xFFFFB3FA)
YUV	209.8180, 19.8097, 39.6246
Hunter-Lab	77.7189, 35.3639, -20.4874

Details

The RYB color **255, 179, 250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **179, 250, 255**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 236, 255**, and **197, 125, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 153, 248**, and if you desaturate by 10%, it is **255, 204, 252**.

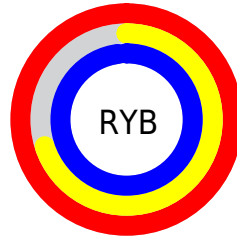
Distribution



Red (100%)

Green (70%)

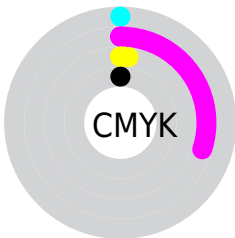
Blue (98%)



Red (100%)

Yellow (70%)

Blue (98%)

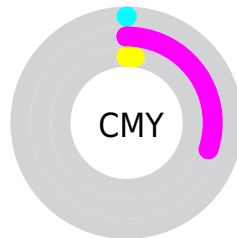


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 179, 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 RYB color 255, 179, 250 by changing the saturation by 10% instead.


 255, 179, 250

 255, 179, 250

255, 255, 255

 226, 152, 221

 255, 236, 255

 197, 125, 193

 169, 99, 166

 142, 74, 140

 116, 49, 114

 90, 24, 89

 65, 0, 66

 43, 0, 43

 0, 0, 22

■ 255, 179, 250

■ 255, 179, 250

■ 255, 153, 248

■ 255, 204, 252

■ 255, 128, 247

■ 255, 230, 253

■ 255, 102, 245

255, 255, 255

■ 255, 77, 243

■ 255, 51, 242

■ 255, 26, 240

■ 255, 0, 238

Harmonies

Analogous

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



204, 194, 255



255, 179, 250



255, 171, 209

Triad

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



255, 179, 250



164, 234, 118



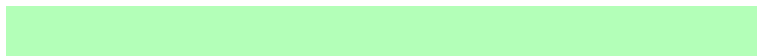
0, 117, 243

Complementary

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



255, 179, 250



179, 250, 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.



77, 159, 226



255, 179, 250



127, 214, 150

Square

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



255, 179, 250



255, 227, 133



140, 208, 222



42, 139, 255

Rectangle

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



255, 179, 250



255, 171, 180



140, 208, 222



0, 114, 229

Sweetspot

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



255, 179, 250



255, 232, 253



183, 179, 255



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 179, 250



255, 163, 249



255, 179, 213



128, 115, 127



191, 0, 179



64, 0, 60

Inverse Universe

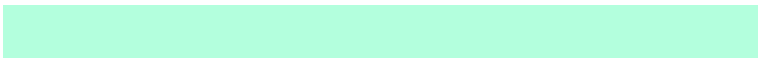
The Inverse Universe completely reimagines the original color for something new.



255, 179, 250



255, 163, 249



179, 228, 255



128, 115, 127



191, 0, 179



64, 0, 60

Previews

White Background



This preview shows how the RYB color 255, 179, 250 looks on a white background.

Color Contrast Check

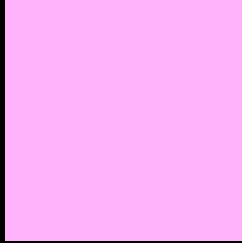
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 179, 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](#).

RYB 255, 179, 250 Background



This preview shows how black text looks on a background with the RYB color 255, 179, 250.

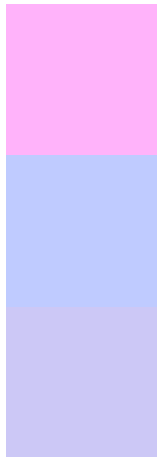


This preview shows how white text looks on a background with the RYB color 255, 179, 250.

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
255, 179, 250

Protanopia
191, 201, 255

Deuteranopia
204, 200, 246



Tritanopia
249, 188, 203

Trichromacy



Original Color

255, 179, 250



Protanomaly

214, 194, 253



Deuteranomaly

223, 192, 247



Tritanomaly

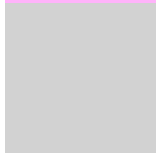
251, 185, 220

Monochromacy



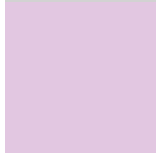
Original Color

255, 179, 250



Achromatopsia

210, 210, 210



Achromatomaly

226, 199, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 179, 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(255, 179, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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(255, 179, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 250) }
```

Border

The CSS property to change the border of an element to RYB 255, 179, 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(255, 179, 250) }
```

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

```
.border{ border-color:rgb(255, 179, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 255, 179, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 250) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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