

Converting Colors

`RYB(255, 158, 209)`

Have a look what the booklet for
RYB(255, 158, 209) contains.

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Color

RYB(255, 158, 209)

Conversions

Conversions Part 1

Format	Color
Hex	FF9ED1
RGB	255, 158, 209
RGB Percent	100%, 62%, 82%
CMY	0.0000, 0.3804, 0.1804
CMYK	0.00, 0.38, 0.18, 0.00
HSL	328°, 100%, 81%
HSV	328°, 38%, 100%
XYZ	64.9755, 50.3172, 66.6092
YIQ	192.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

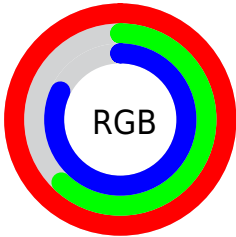
Format	Color
R _Y B	255, 158, 209
Decimal	16752337
CIE Lab	76.26, 42.77, -10.71
CIE LCh	76, 44.092, 345.948
Yxy	50.3172, 0.3572, 0.2766
Android (android.graphics.Color)	4294942417 (0xFFFF9ED1)
YUV	192.8170, 7.9782, 54.5345
Hunter-Lab	70.9346, 39.3689, -6.0204

Details

The RYB color **255, 158, 209** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **158, 224, 255**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 214, 255**, and **197, 105, 155** is the 20% darker color. If you saturate the color by 10%, you get **255, 132, 197**, and if you desaturate by 10%, it is **255, 184, 221**.

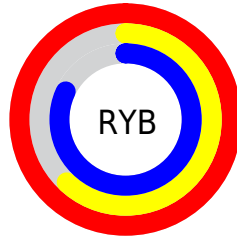
Distribution



Red (100%)

Green (62%)

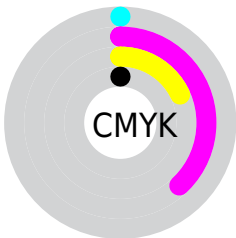
Blue (82%)



Red (100%)

Yellow (62%)

Blue (82%)

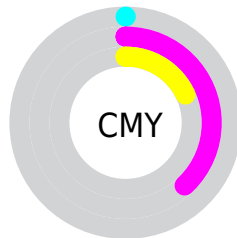


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 158, 209 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, 158, 209 by changing the saturation by 10% instead.


 255, 158, 209

 255, 158, 209


255, 255, 255


 226, 131, 181

 255, 214, 255

 197, 105, 155

 255, 243, 255

 168, 79, 129

 141, 53, 103

 113, 26, 79

 87, 0, 56

 61, 0, 35

 38, 0, 12

 0, 0, 0

■ 255, 158, 209

■ 255, 158, 209

■ 255, 132, 197

■ 255, 184, 221

■ 255, 107, 185

■ 255, 209, 233

■ 255, 82, 173

■ 255, 235, 245

■ 255, 56, 161

255, 255, 255

■ 255, 31, 149

■ 255, 5, 136

■ 255, 0, 134

Harmonies

Analogous

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



220, 169, 245



255, 158, 209



255, 156, 168

Triad

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



255, 158, 209



108, 193, 108



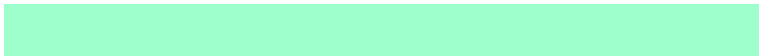
0, 112, 245

Complementary

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



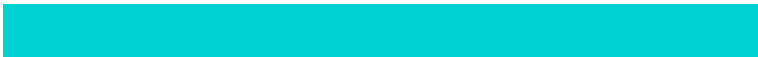
255, 158, 209



158, 224, 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.



0, 105, 210



255, 158, 209



130, 203, 186

Square

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



255, 158, 209



200, 231, 109



92, 162, 208



87, 154, 255

Rectangle

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



255, 158, 209



255, 165, 142



92, 162, 208



0, 110, 235

Sweetspot

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



255, 158, 209



255, 227, 242



203, 158, 255



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



255, 158, 209



255, 138, 199



255, 158, 161



128, 115, 121



191, 0, 101



64, 0, 34

Inverse Universe

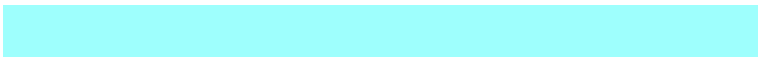
The Inverse Universe completely reimagines the original color for something new.



255, 158, 209



255, 138, 199



158, 207, 255



128, 115, 121



191, 0, 101



64, 0, 34

Previews

White Background



This preview shows how the RYB color 255, 158, 209 looks on a white background.

Color Contrast Check

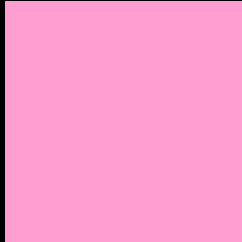
Large Text (above 18pt) WCAG AA × Fail

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, 158, 209 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, 158, 209 Background



This preview shows how black text looks on a background with the RGB color 255, 158, 209.

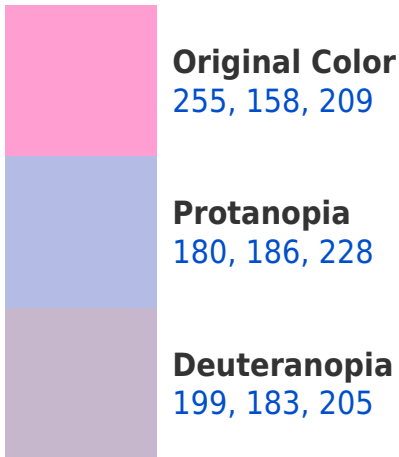



This preview shows how white text looks on a background with the RGB color 255, 158, 209.

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
251, 164, 176

Trichromacy



Original Color

255, 158, 209



Protanomaly

207, 176, 221



Deuteranomaly

219, 174, 206



Tritanomaly

252, 162, 188

Monochromacy



Original Color

255, 158, 209



Achromatopsia

193, 193, 193



Achromatomaly

216, 180, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 158, 209 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, 158, 209) looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 209)  
}
```

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, 158, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 209) }
```

Border

The CSS property to change the border of an element to RYB 255, 158, 209 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, 158, 209) }
```

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

```
.border{ border-color:rgb(255, 158, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 255, 158, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 209) }
```

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

```
.background{ background-color: rgb(255,  
158, 209) }
```

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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