

Converting Colors

`RYB(255, 175, 221)`

Have a look what the booklet for
RYB(255, 175, 221) contains.

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Color

`RYB(255, 175, 221)`

Conversions

Conversions Part 1

Format	Color
Hex	FFAFDD
RGB	255, 175, 221
RGB Percent	100%, 69%, 87%
CMY	0.0000, 0.3137, 0.1333
CMYK	0.00, 0.31, 0.13, 0.00
HSL	326°, 100%, 84%
HSV	326°, 31%, 100%
XYZ	69.6211, 57.1404, 75.7664
YIQ	204.1640, 32.9140, 31.2660

Conversions

Conversions Part 2

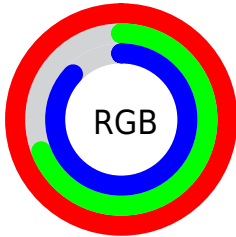
Format	Color
R _Y B	255, 175, 221
Decimal	16756701
CIE _{Lab}	80.26, 35.81, -11.27
CIE _{LCh}	80, 37.540, 342.536
Y _{xy}	57.1404, 0.3438, 0.2821
Android (android.graphics.Color)	4294946781 (0xFFFFAFDD)
YUV	204.1640, 8.3001, 44.5832
Hunter-Lab	75.5913, 32.1175, -6.5135

Details

The RYB color **255, 175, 221** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **175, 231, 255**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 231, 255**, and **197, 121, 166** is the 20% darker color. If you saturate the color by 10%, you get **255, 149, 210**, and if you desaturate by 10%, it is **255, 201, 232**.

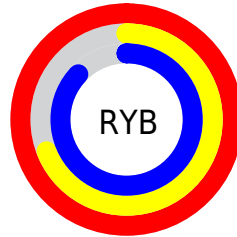
Distribution



Red (100%)

Green (69%)

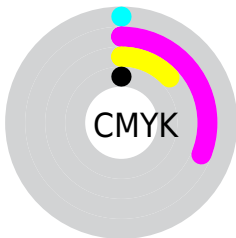
Blue (87%)



Red (100%)

Yellow (69%)

Blue (87%)

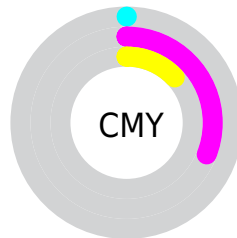


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 175, 221 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, 175, 221 by changing the saturation by 10% instead.


 255, 175, 221

 255, 175, 221

255, 255, 255

 226, 148, 193

 255, 231, 255

 197, 121, 166

 169, 96, 140

 142, 71, 114

 115, 46, 89

 89, 21, 66

 64, 0, 44

 44, 0, 24

 0, 0, 0

 255, 175, 221


 255, 175, 221

 255, 149, 210


 255, 201, 232

 255, 124, 199

 255, 226, 243


 255, 98, 188

 255, 252, 254

 255, 73, 178

255, 255, 255

 255, 48, 167

 255, 22, 156

 255, 0, 147

Harmonies

Analogous

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



222, 185, 251



255, 175, 221



255, 173, 185

Triad

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



255, 175, 221



137, 208, 130



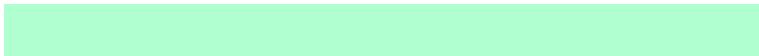
78, 154, 245

Complementary

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



255, 175, 221



175, 231, 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.



88, 154, 218



255, 175, 221



146, 211, 188

Square

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



255, 175, 221



230, 241, 133



127, 185, 217



119, 173, 255

Rectangle

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



255, 175, 221



255, 178, 163



127, 185, 217



75, 150, 236

Sweetspot

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



255, 175, 221



255, 232, 245



208, 175, 255



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



255, 175, 221



255, 158, 214



255, 175, 182



128, 115, 122



191, 0, 110



64, 0, 37

Inverse Universe

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



255, 175, 221



255, 158, 214



175, 217, 255



128, 115, 122



191, 0, 110



64, 0, 37

Previews

White Background



This preview shows how the RYB color 255, 175, 221 looks on a white background.

Color Contrast Check

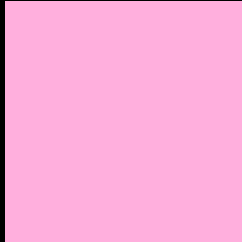
Large Text (above 18pt) WCAG AA × Fail

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, 175, 221 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](#).

RYP 255, 175, 221 Background



This preview shows how black text looks on a background with the RYP color 255, 175, 221.




This preview shows how white text looks on a background with the RYP color 255, 175, 221.

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, 180, 194

Trichromacy



Original Color

255, 175, 221



Protanomaly

215, 190, 231



Deuteranomaly

227, 187, 219



Tritanomaly

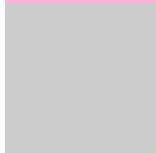
253, 178, 204

Monochromacy



Original Color

255, 175, 221



Achromatopsia

204, 204, 204



Achromatomaly

223, 193, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 175, 221 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, 175, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 221)  
}
```

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, 175, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 221) }
```

Border

The CSS property to change the border of an element to RYB 255, 175, 221 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, 175, 221) }
```

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

```
.border{ border-color:rgb(255, 175, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 255, 175, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 221) }
```

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

```
.background{ background-color: rgb(255,  
175, 221) }
```

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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