

Converting Colors

RGB(255, 175, 231)

Have a look what the booklet for
RGB(255, 175, 231) contains.

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Color

RGB(255, 175, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFE7
RGB	255, 175, 231
RGB Percent	100%, 69%, 91%
CMY	0.0000, 0.3137, 0.0941
CMYK	0.00, 0.31, 0.09, 0.00
HSL	318°, 100%, 84%
HSV	318°, 31%, 100%
XYZ	70.9938, 57.6895, 82.9947
YIQ	205.3040, 29.7040, 34.3760

Conversions

Conversions Part 2

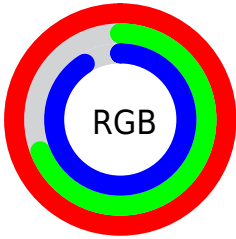
Format	Color
R_{YB}	255, 175, 231
Decimal	16756711
CIE _{Lab}	80.57, 37.43, -16.20
CIE _{LCh}	81, 40.784, 336.593
Yxy	57.6895, 0.3354, 0.2725
Android (android.graphics.Color)	4294946791 (0xFFFFAFE7)
YUV	205.3040, 12.6681, 43.5834
Hunter-Lab	75.9536, 33.9251, -11.6189

Details

The RGB color **255, 175, 231** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **175, 255, 199**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 231, 255**, and **197, 121, 175** is the 20% darker color. If you saturate the color by 10%, you get **255, 149, 223**, and if you desaturate by 10%, it is **255, 201, 239**.

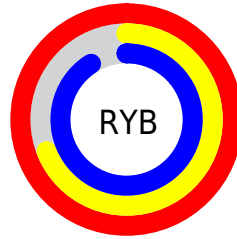
Distribution



Red (100%)

Green (69%)

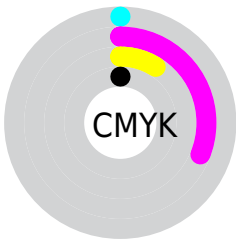
Blue (91%)



Red (100%)

Yellow (69%)

Blue (91%)

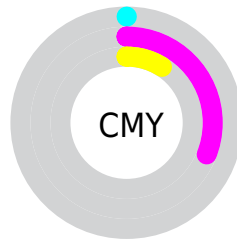


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 175, 231 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, 175, 231 by changing the saturation by 10% instead.

 255, 175, 231

255, 255, 255

 255, 231, 255


 255, 175, 231

 226, 148, 203

 197, 121, 175

 169, 96, 149

 142, 70, 123

 115, 46, 98

 89, 20, 74

 64, 0, 51

 44, 0, 30

 0, 0, 0

■ 255, 175, 231

■ 255, 175, 231

■ 255, 149, 223

■ 255, 201, 239

■ 255, 124, 216

■ 255, 226, 246

■ 255, 98, 208

■ 255, 252, 254

■ 255, 73, 200

255, 255, 255

■ 255, 48, 193

■ 255, 22, 185

■ 255, 0, 179

Harmonies

Analogous

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



216, 187, 255



255, 175, 231



255, 170, 193

Triad

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



255, 175, 231



217, 200, 123



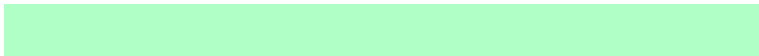
50, 219, 244

Complementary

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



255, 175, 231



175, 255, 199

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.



80, 221, 207



255, 175, 231



176, 211, 137

Square

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



255, 175, 231



250, 187, 131



130, 218, 168



95, 212, 255

Rectangle

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



255, 175, 231



255, 173, 168



130, 218, 168



52, 220, 233

Sweetspot

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



255, 175, 231



255, 232, 248



199, 175, 255



128, 113, 123



0, 0, 0



128, 128, 128

Same Dimension

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



255, 175, 231



255, 158, 226



255, 175, 191



128, 115, 124



191, 0, 134



64, 0, 45

Inverse Universe

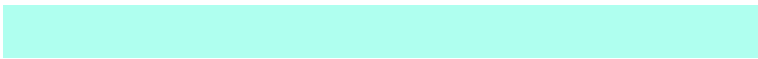
The Inverse Universe completely reimagines the original color for something new.



255, 175, 231



255, 158, 226



175, 255, 239



128, 115, 124



191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RGB color 255, 175, 231 looks on a white background.

Color Contrast Check

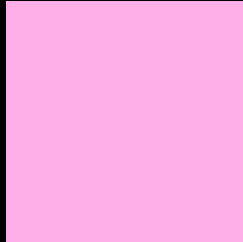
Large Text (above 18pt) WCAG AA × Fail

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, 175, 231 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, 175, 231 Background



This preview shows how black text looks on a background with the RGB color 255, 175, 231.

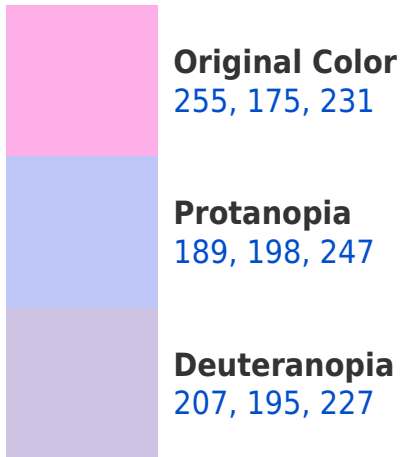



This preview shows how white text looks on a background with the RGB color 255, 175, 231.

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, 182, 195

Trichromacy



Original Color

255, 175, 231



Protanomaly

213, 190, 241



Deuteranomaly

224, 188, 228



Tritanomaly

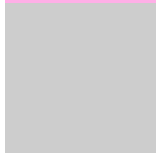
252, 179, 208

Monochromacy



Original Color

255, 175, 231



Achromatopsia

205, 205, 205



Achromatomaly

223, 194, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 175, 231 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 231) }
```

Border

The CSS property to change the border of an element to RGB 255, 175, 231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

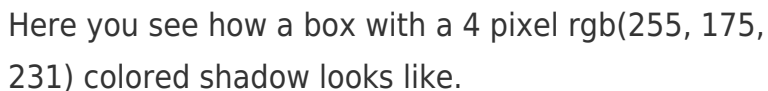
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 231) }
```

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

```
.border{ border-color:rgb(255, 175, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 231); box-shadow:4px 4px 4px 4px rgb(255, 175, 231) }
```

Background

The CSS property to change the background color of an element to RGB 255, 175, 231 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
175, 231) }
```

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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