

Converting Colors

RGB(255, 175, 225)

Have a look what the booklet for
RGB(255, 175, 225) contains.

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Color

RGB(255, 175, 225)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFE1
RGB	255, 175, 225
RGB Percent	100%, 69%, 88%
CMY	0.0000, 0.3137, 0.1176
CMYK	0.00, 0.31, 0.12, 0.00
HSL	322°, 100%, 84%
HSV	322°, 31%, 100%
XYZ	70.1606, 57.3562, 78.6071
YIQ	204.6200, 31.6300, 32.5100

Conversions

Conversions Part 2

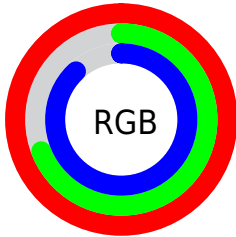
Format	Color
R _Y B	255, 175, 225
Decimal	16756705
CIE Lab	80.38, 36.45, -13.25
CIE LCh	80, 38.782, 340.029
Yxy	57.3562, 0.3404, 0.2783
Android (android.graphics.Color)	4294946785 (0xFFFFAFE1)
YUV	204.6200, 10.0473, 44.1833
Hunter-Lab	75.7339, 32.8298, -8.5257

Details

The RGB color **255, 175, 225** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **175, 255, 205**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 231, 255**, and **197, 121, 170** is the 20% darker color. If you saturate the color by 10%, you get **255, 149, 215**, and if you desaturate by 10%, it is **255, 201, 235**.

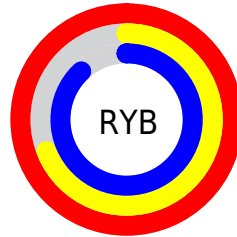
Distribution



Red (100%)

Green (69%)

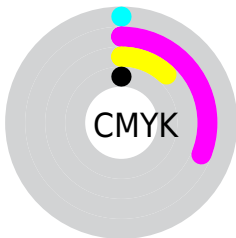
Blue (88%)



Red (100%)

Yellow (69%)

Blue (88%)

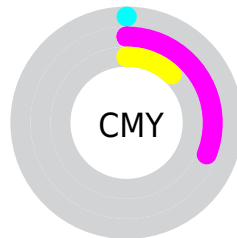


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 175, 225 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, 225 by changing the saturation by 10% instead.


 255, 175, 225

 255, 175, 225

255, 255, 255

 226, 148, 197

 255, 231, 255

 197, 121, 170

 169, 96, 143

 142, 71, 118

 115, 46, 93

 89, 20, 69

 64, 0, 47

 44, 0, 27

 0, 0, 0

 255, 175, 225


 255, 175, 225

 255, 149, 215


 255, 201, 235

 255, 124, 206


 255, 226, 244


 255, 98, 196

 255, 252, 254

 255, 73, 187

255, 255, 255

 255, 48, 177

 255, 22, 168

 255, 0, 159

Harmonies

Analogous

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



220, 186, 255



255, 175, 225



255, 172, 188

Triad

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



255, 175, 225



212, 201, 127



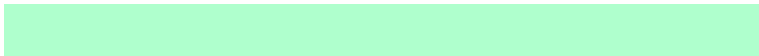
69, 217, 245

Complementary

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



255, 175, 225



175, 255, 205

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.



85, 219, 211



255, 175, 225



172, 211, 143

Square

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



255, 175, 225



245, 189, 132



128, 217, 173



110, 210, 255

Rectangle

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



255, 175, 225



255, 175, 165



128, 217, 173



67, 218, 234

Sweetspot

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



255, 175, 225



255, 232, 246



204, 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, 225



255, 158, 219



255, 175, 186



128, 115, 123



191, 0, 120



64, 0, 40

Inverse Universe

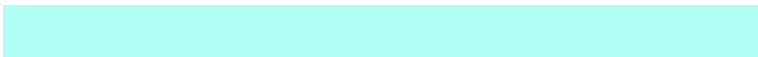
The Inverse Universe completely reimagines the original color for something new.



255, 175, 225



255, 158, 219



175, 255, 244



128, 115, 123



191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RGB color 255, 175, 225 looks on a white background.

Color Contrast Check

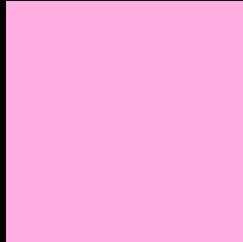
Large Text (above 18pt) WCAG AA × Fail

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, 225 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, 225 Background



This preview shows how black text looks on a background with the RGB color 255, 175, 225.



This preview shows how white text looks on a background with the RGB color 255, 175, 225.

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, 175, 225

Protanopia
191, 198, 240

Deuteranopia
209, 194, 221



Tritanopia
251, 181, 194

Trichromacy



Original Color

255, 175, 225



Protanomaly

214, 190, 235



Deuteranomaly

226, 187, 222



Tritanomaly

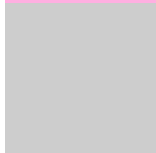
252, 179, 205

Monochromacy



Original Color

255, 175, 225



Achromatopsia

205, 205, 205



Achromatomaly

223, 194, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 175, 225 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 225) }
```

Border

The CSS property to change the border of an element to RGB 255, 175, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

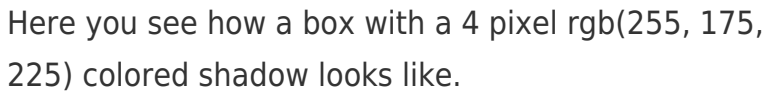
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 225) }
```

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

```
.border{ border-color:rgb(255, 175, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 225); box-shadow:4px 4px 4px 4px rgb(255, 175, 225) }
```

Background

The CSS property to change the background color of an element to RGB 255, 175, 225 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
175, 225) }
```

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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