

Converting Colors

RGB(255, 170, 215)

Have a look what the booklet for
RGB(255, 170, 215) contains.

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Color

RGB(255, 170, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAD7
RGB	255, 170, 215
RGB Percent	100%, 67%, 84%
CMY	0.0000, 0.3333, 0.1569
CMYK	0.00, 0.33, 0.16, 0.00
HSL	328°, 100%, 83%
HSV	328°, 33%, 100%
XYZ	67.8805, 54.9157, 71.3121
YIQ	200.5450, 36.2150, 32.0150

Conversions

Conversions Part 2

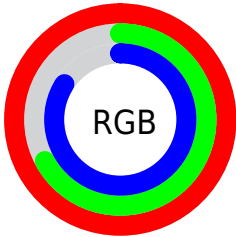
Format	Color
R _Y B	255, 170, 215
Decimal	16755415
CIE Lab	78.99, 37.48, -9.91
CIE LCh	79, 38.765, 345.195
Yxy	54.9157, 0.3497, 0.2829
Android (android.graphics.Color)	4294945495 (0xFFFFAAD7)
YUV	200.5450, 7.1263, 47.7570
Hunter-Lab	74.1052, 33.8223, -5.1817

Details

The RGB color **255, 170, 215** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **170, 255, 210**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 226, 255**, and **197, 117, 160** is the 20% darker color. If you saturate the color by 10%, you get **255, 145, 203**, and if you desaturate by 10%, it is **255, 195, 227**.

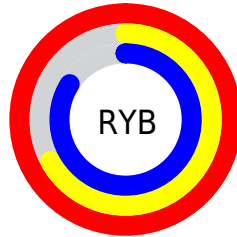
Distribution



Red (100%)

Green (67%)

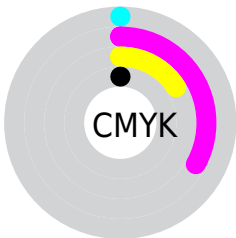
Blue (84%)



Red (100%)

Yellow (67%)

Blue (84%)

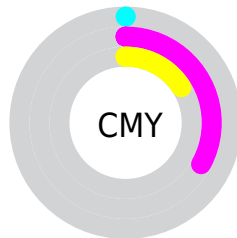


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 170, 215 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, 170, 215 by changing the saturation by 10% instead.

 255, 170, 215

255, 255, 255


 255, 226, 255

 255, 170, 215

 226, 143, 187

 197, 117, 160

 169, 91, 134

 141, 66, 109

 115, 41, 84

 89, 14, 61

 63, 0, 39

 42, 0, 19

 0, 0, 0

■ 255, 170, 215

■ 255, 170, 215

■ 255, 145, 203

■ 255, 195, 227

■ 255, 119, 191

■ 255, 221, 239

■ 255, 94, 179

■ 255, 247, 251

■ 255, 68, 167

255, 255, 255

■ 255, 42, 155

■ 255, 17, 143

■ 255, 0, 135

Harmonies

Analogous

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



223, 180, 247



255, 170, 215



255, 168, 178

Triad

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



255, 170, 215



202, 199, 125



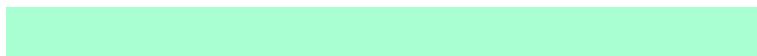
67, 212, 246

Complementary

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



255, 170, 215



170, 255, 210

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.



74, 215, 213



255, 170, 215



161, 208, 144

Square

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



255, 170, 215



236, 187, 126



117, 214, 176



116, 204, 255

Rectangle

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



255, 170, 215



255, 172, 156



117, 214, 176



61, 214, 236

Sweetspot

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



255, 170, 215



255, 230, 243



210, 170, 255



128, 112, 120



0, 0, 0



128, 128, 128

Same Dimension

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



255, 170, 215



255, 153, 207



255, 170, 173



128, 115, 122



191, 0, 101



64, 0, 34

Inverse Universe

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



255, 170, 215



255, 153, 207



170, 255, 252



128, 115, 122



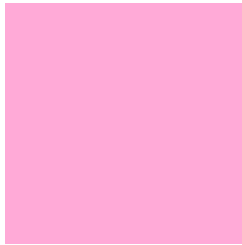
191, 0, 101



64, 0, 34

Previews

White Background



This preview shows how the RGB color 255, 170, 215 looks on a white background.

Color Contrast Check

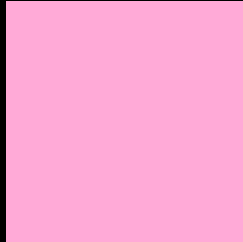
Large Text (above 18pt) WCAG AA × Fail

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, 170, 215 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, 170, 215 Background



This preview shows how black text looks on a background with the RGB color 255, 170, 215.



This preview shows how white text looks on a background with the RGB color 255, 170, 215.

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, 170, 215

Protanopia
189, 194, 231

Deuteranopia
208, 190, 211



Tritanopia
252, 175, 188

Trichromacy



Original Color

255, 170, 215



Protanomaly

213, 185, 225



Deuteranomaly

225, 183, 212



Tritanomaly

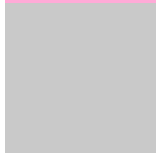
253, 173, 198

Monochromacy



Original Color

255, 170, 215



Achromatopsia

201, 201, 201



Achromatomaly

221, 190, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 170, 215 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, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 215)  
}
```

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, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 215) }
```

Border

The CSS property to change the border of an element to RGB 255, 170, 215 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, 170, 215) }
```

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

```
.border{ border-color:rgb(255, 170, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 255, 170, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 215) }
```

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

```
.background{ background-color: rgb(255,  
170, 215) }
```

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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