

Converting Colors

RGB(255, 181, 240)

Have a look what the booklet for
RGB(255, 181, 240) contains.

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Color

RGB(255, 181, 240)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F0
RGB	255, 181, 240
RGB Percent	100%, 71%, 94%
CMY	0.0000, 0.2902, 0.0588
CMYK	0.00, 0.29, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 29%, 100%
XYZ	73.4921, 60.5990, 90.2614
YIQ	209.8520, 25.1650, 34.0370

Conversions

Conversions Part 2

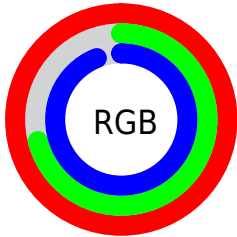
Format	Color
RYB	255, 181, 240
Decimal	16758256
CIELab	82.16, 35.81, -18.63
CIELCh	82, 40.363, 332.508
Yxy	60.5990, 0.3276, 0.2701
Android (android.graphics.Color)	4294948336 (0xFFFFB5F0)
YUV	209.8520, 14.8630, 39.5948
Hunter-Lab	77.8454, 32.2884, -14.2548

Details

The RGB color **255, 181, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **181, 255, 196**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 238, 255**, and **197, 127, 184** is the 20% darker color. If you saturate the color by 10%, you get **255, 156, 235**, and if you desaturate by 10%, it is **255, 207, 245**.

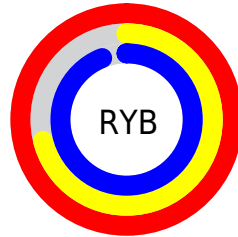
Distribution



Red (100%)

Green (71%)

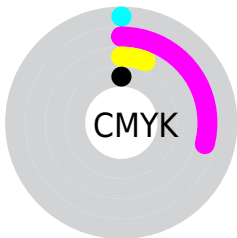
Blue (94%)



Red (100%)

Yellow (71%)

Blue (94%)

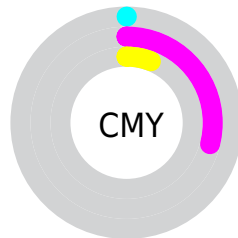


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 181, 240 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, 181, 240 by changing the saturation by 10% instead.

 255, 181, 240

 255, 181, 240

255, 255, 255

 226, 154, 212

 255, 238, 255

 197, 127, 184

 169, 101, 157

 142, 76, 131

 116, 52, 106

 90, 27, 81

 65, 0, 58

 43, 0, 36

 0, 0, 12

■ 255, 181, 240

■ 255, 181, 240

■ 255, 156, 235

■ 255, 207, 245

■ 255, 130, 230

■ 255, 232, 250

■ 255, 105, 224

255, 255, 255

■ 255, 79, 219

■ 255, 54, 214

■ 255, 28, 209

■ 255, 3, 204

■ 255, 0, 203

Harmonies

Analogous

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



213, 193, 255



255, 181, 240



255, 175, 203

Triad

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



255, 181, 240



227, 203, 128



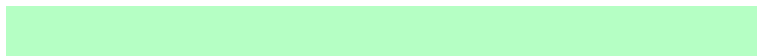
61, 224, 244

Complementary

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



255, 181, 240



181, 255, 196

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.



94, 225, 206



255, 181, 240



187, 214, 139

Square

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



255, 181, 240



255, 190, 138



141, 222, 168



95, 218, 255

Rectangle

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



255, 181, 240



255, 177, 177



141, 222, 168



67, 224, 232

Sweetspot

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



255, 181, 240



255, 232, 250



196, 181, 255



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 181, 240



255, 166, 237



255, 181, 203



128, 115, 125



191, 0, 152



64, 0, 51

Inverse Universe

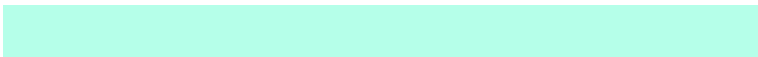
The Inverse Universe completely reimagines the original color for something new.



255, 181, 240



255, 166, 237



181, 255, 233



128, 115, 125



191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RGB color 255, 181, 240 looks on a white background.

Color Contrast Check

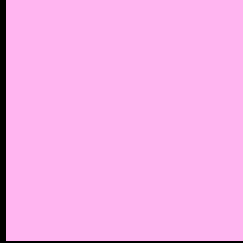
Large Text (above 18pt) WCAG AA × Fail

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, 181, 240 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, 181, 240 Background



This preview shows how black text looks on a background with the RGB color 255, 181, 240.

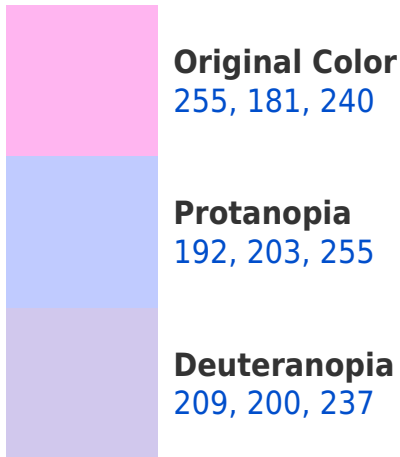



This preview shows how white text looks on a background with the RGB color 255, 181, 240.

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
250, 188, 202

Trichromacy



Original Color

255, 181, 240



Protanomaly

215, 195, 250



Deuteranomaly

226, 193, 238



Tritanomaly

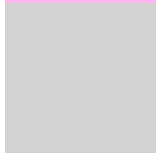
252, 185, 216

Monochromacy



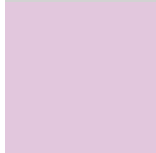
Original Color

255, 181, 240



Achromatopsia

210, 210, 210



Achromatomaly

226, 199, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 181, 240 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, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 240)  
}
```

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, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 240) }
```

Border

The CSS property to change the border of an element to RGB 255, 181, 240 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, 181, 240) }
```

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

```
.border{ border-color:rgb(255, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 255, 181, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 240) }
```

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

```
.background{ background-color: rgb(255,  
181, 240) }
```

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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