

Converting Colors

RGB(255, 180, 232)

Have a look what the booklet for
RGB(255, 180, 232) contains.

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Color

RGB(255, 180, 232)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4E8
RGB	255, 180, 232
RGB Percent	100%, 71%, 91%
CMY	0.0000, 0.2941, 0.0902
CMYK	0.00, 0.29, 0.09, 0.00
HSL	318°, 100%, 85%
HSV	318°, 29%, 100%
XYZ	72.1267, 59.7287, 84.0712
YIQ	208.3530, 28.0080, 32.0720

Conversions

Conversions Part 2

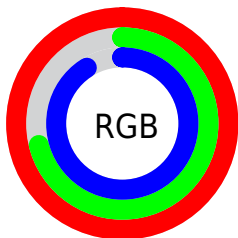
Format	Color
R _Y B	255, 180, 232
Decimal	16757992
CIE Lab	81.69, 34.98, -15.05
CIE LCh	82, 38.081, 336.721
Yxy	59.7287, 0.3340, 0.2766
Android (android.graphics.Color)	4294948072 (0xFFFFB4E8)
YUV	208.3530, 11.6580, 40.9094
Hunter-Lab	77.2844, 31.3401, -10.3976

Details

The RGB color **255, 180, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 255, 203**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 236, 255**, and **197, 126, 176** is the 20% darker color. If you saturate the color by 10%, you get **255, 155, 224**, and if you desaturate by 10%, it is **255, 206, 240**.

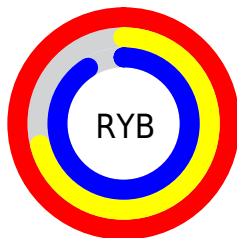
Distribution



Red (100%)

Green (71%)

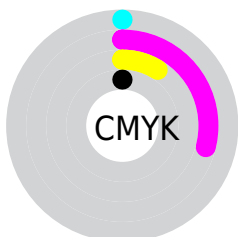
Blue (91%)



Red (100%)

Yellow (71%)

Blue (91%)

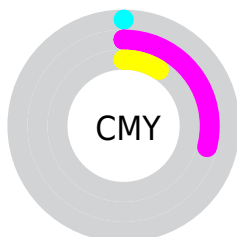


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 180, 232 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, 180, 232 by changing the saturation by 10% instead.


 255, 180, 232


 255, 180, 232


255, 255, 255

 226, 153, 204


 255, 236, 255

 197, 126, 176

 169, 100, 150

 142, 75, 124

 116, 51, 99

 90, 26, 75

 65, 0, 52

 43, 0, 31

 0, 0, 2

■ 255, 180, 232

■ 255, 180, 232

■ 255, 155, 224

■ 255, 206, 240

■ 255, 129, 216

■ 255, 231, 248

■ 255, 104, 209

255, 255, 255

■ 255, 78, 201

■ 255, 53, 193

■ 255, 27, 185

■ 255, 2, 177

■ 255, 0, 177

Harmonies

Analogous

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



218, 191, 255



255, 180, 232



255, 176, 196

Triad

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



255, 180, 232



220, 203, 132



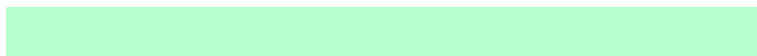
78, 221, 245

Complementary

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



255, 180, 232



180, 255, 203

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.



97, 223, 210



255, 180, 232



181, 214, 145

Square

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



255, 180, 232



251, 191, 138



138, 220, 174



111, 214, 255

Rectangle

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



255, 180, 232



255, 178, 173



138, 220, 174



79, 222, 234

Sweetspot

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



255, 180, 232



255, 232, 248



203, 180, 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, 180, 232



255, 166, 228



255, 180, 195



128, 115, 124



191, 0, 133



64, 0, 44

Inverse Universe

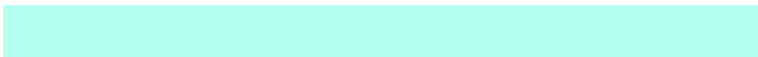
The Inverse Universe completely reimagines the original color for something new.



255, 180, 232



255, 166, 228



180, 255, 240



128, 115, 124



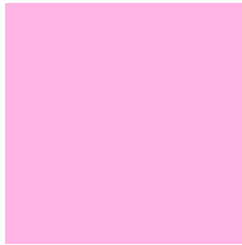
191, 0, 133



64, 0, 44

Previews

White Background



This preview shows how the RGB color 255, 180, 232 looks on a white background.

Color Contrast Check

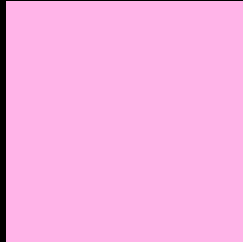
Large Text (above 18pt) WCAG AA × Fail

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, 180, 232 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, 180, 232 Background



This preview shows how black text looks on a background with the RGB color 255, 180, 232.




This preview shows how white text looks on a background with the RGB color 255, 180, 232.

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, 186, 200

Trichromacy



Original Color

255, 180, 232



Protanomaly

216, 194, 241



Deuteranomaly

227, 191, 230



Tritanomaly

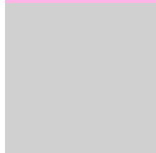
252, 184, 212

Monochromacy



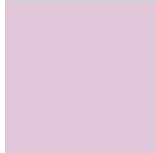
Original Color

255, 180, 232



Achromatopsia

208, 208, 208



Achromatomaly

225, 198, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 180, 232 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, 180, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 232)  
}
```

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, 180, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 232) }
```

Border

The CSS property to change the border of an element to RGB 255, 180, 232 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, 180, 232) }
```

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

```
.border{ border-color:rgb(255, 180, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 255, 180, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 232) }
```

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

```
.background{ background-color: rgb(255,  
180, 232) }
```

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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