

Converting Colors

RGB(255, 185, 210)

Have a look what the booklet for
RGB(255, 185, 210) contains.

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Color

RGB(255, 185, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9D2
RGB	255, 185, 210
RGB Percent	100%, 73%, 82%
CMY	0.0000, 0.2745, 0.1765
CMYK	0.00, 0.27, 0.18, 0.00
HSL	339°, 100%, 86%
HSV	339°, 27%, 100%
XYZ	70.2218, 60.6111, 68.9708
YIQ	208.7800, 33.6950, 22.6150

Conversions

Conversions Part 2

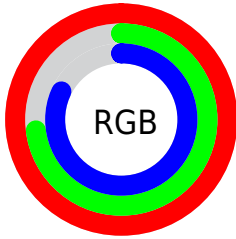
Format	Color
R _Y B	255, 185, 210
Decimal	16759250
CIE Lab	82.17, 28.87, -2.51
CIE LCh	82, 28.975, 355.037
Yxy	60.6111, 0.3515, 0.3034
Android (android.graphics.Color)	4294949330 (0xFFFFB9D2)
YUV	208.7800, 0.6015, 40.5349
Hunter-Lab	77.8531, 24.7602, 1.9716

Details

The RGB color **255, 185, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 255, 230**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 242, 255**, and **197, 131, 156** is the 20% darker color. If you saturate the color by 10%, you get **255, 160, 194**, and if you desaturate by 10%, it is **255, 211, 226**.

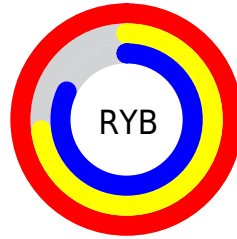
Distribution



Red (100%)

Green (73%)

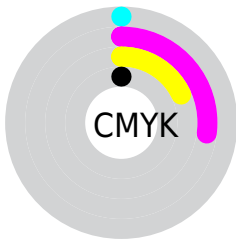
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

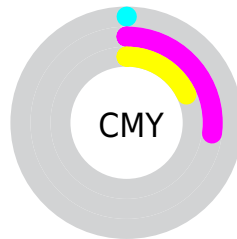


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 185, 210 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, 185, 210 by changing the saturation by 10% instead.


 255, 185, 210

 255, 185, 210

255, 255, 255

 226, 158, 182

 255, 242, 255

 197, 131, 156

 169, 106, 130

 142, 81, 104

 116, 57, 80

 90, 33, 58

 65, 9, 36

 43, 0, 15

 0, 0, 0

■ 255, 185, 210

■ 255, 185, 210

■ 255, 160, 194

■ 255, 211, 226

■ 255, 134, 177

■ 255, 236, 243

■ 255, 108, 161

255, 255, 255

■ 255, 83, 144

■ 255, 57, 128

■ 255, 32, 112

■ 255, 7, 95

■ 255, 0, 91

Harmonies

Analogous

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



235, 190, 236



255, 185, 210



255, 186, 183

Triad

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



255, 185, 210



200, 210, 155



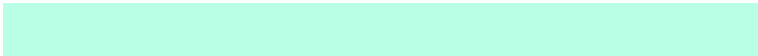
133, 215, 248

Complementary

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



255, 185, 210



185, 255, 230

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.



124, 219, 226



255, 185, 210



169, 216, 172

Square

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



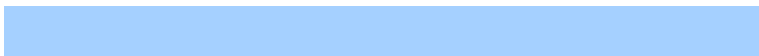
255, 185, 210



229, 201, 150



140, 219, 199



165, 208, 255

Rectangle

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



255, 185, 210



255, 190, 167



140, 219, 199



127, 217, 242

Sweetspot

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



255, 185, 210



255, 235, 242



229, 185, 255



128, 115, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 185, 210



255, 171, 201



255, 194, 185



128, 115, 119



191, 0, 68



64, 0, 23

Inverse Universe

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



255, 185, 210



255, 171, 201



185, 246, 255



128, 115, 119



191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RGB color 255, 185, 210 looks on a white background.

Color Contrast Check

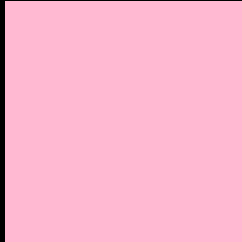
Large Text (above 18pt) WCAG AA × Fail

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, 185, 210 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, 185, 210 Background



This preview shows how black text looks on a background with the RGB color 255, 185, 210.



This preview shows how white text looks on a background with the RGB color 255, 185, 210.

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, 185, 210

Protanopia
204, 203, 221

Deuteranopia
223, 198, 208



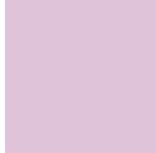
Tritanopia
254, 187, 201

Trichromacy



Original Color

255, 185, 210



Protanomaly

223, 196, 217



Deuteranomaly

235, 193, 209



Tritanomaly

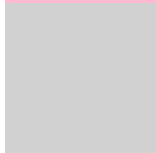
254, 186, 204

Monochromacy



Original Color

255, 185, 210



Achromatopsia

209, 209, 209



Achromatomaly

226, 200, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 185, 210 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, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 210)  
}
```

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, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 210) }
```

Border

The CSS property to change the border of an element to RGB 255, 185, 210 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, 185, 210) }
```

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

```
.border{ border-color:rgb(255, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 255, 185, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 210) }
```

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

```
.background{ background-color: rgb(255,  
185, 210) }
```

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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