

Converting Colors

RGB(255, 193, 219)

Have a look what the booklet for
RGB(255, 193, 219) contains.

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Color

RGB(255, 193, 219)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1DB
RGB	255, 193, 219
RGB Percent	100%, 76%, 86%
CMY	0.0000, 0.2431, 0.1412
CMYK	0.00, 0.24, 0.14, 0.00
HSL	335°, 100%, 88%
HSV	335°, 24%, 100%
XYZ	73.0961, 64.5144, 75.6178
YIQ	214.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

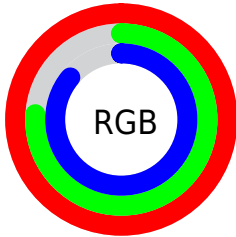
Format	Color
R _Y B	255, 193, 219
Decimal	16761307
CIE Lab	84.23, 26.06, -4.30
CIE LCh	84, 26.409, 350.633
Yxy	64.5144, 0.3428, 0.3026
Android (android.graphics.Color)	4294951387 (0xFFFFC1DB)
YUV	214.5020, 2.2175, 35.5167
Hunter-Lab	80.3209, 21.8828, 0.4063

Details

The RGB color **255, 193, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 255, 229**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 250, 255, and **198, 139, 164** is the 20% darker color. If you saturate the color by 10%, you get **255, 168, 204**, and if you desaturate by 10%, it is **255, 219, 234**.

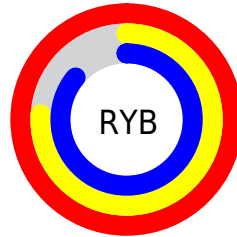
Distribution



Red (100%)

Green (76%)

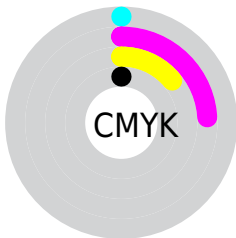
Blue (86%)



Red (100%)

Yellow (76%)

Blue (86%)

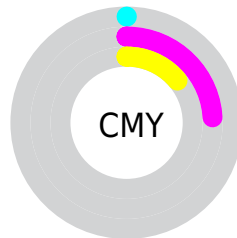


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 193, 219 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, 193, 219 by changing the saturation by 10% instead.

 255, 193, 219


 255, 193, 219

255, 255, 255

 226, 166, 191


 255, 250, 255


 198, 139, 164

 170, 113, 138

 143, 88, 112

 116, 64, 88

 91, 41, 65

 66, 18, 43

 43, 0, 22

 3, 0, 0

■ 255, 193, 219

■ 255, 193, 219

■ 255, 168, 204

■ 255, 219, 234

■ 255, 142, 189

■ 255, 244, 249

■ 255, 117, 175

255, 255, 255

■ 255, 91, 160

■ 255, 66, 145

■ 255, 40, 130

■ 255, 15, 115

■ 255, 0, 107

Harmonies

Analogous

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



235, 198, 242



255, 193, 219



255, 193, 194

Triad

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



255, 193, 219



211, 214, 163



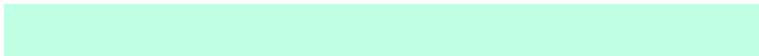
145, 221, 248

Complementary

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



255, 193, 219



193, 255, 229

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.



140, 224, 227



255, 193, 219



182, 220, 178

Square

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



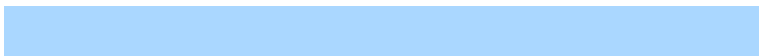
255, 193, 219



236, 206, 161



156, 224, 201



170, 215, 255

Rectangle

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



255, 193, 219



255, 196, 179



156, 224, 201



141, 222, 242

Sweetspot

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



255, 193, 219



255, 237, 245



228, 193, 255



128, 117, 122



0, 0, 0



128, 128, 128

Same Dimension

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



255, 193, 219



255, 181, 212



255, 197, 193



128, 115, 120



191, 0, 80



64, 0, 27

Inverse Universe

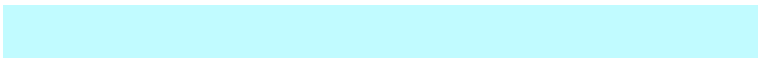
The Inverse Universe completely reimagines the original color for something new.



255, 193, 219



255, 181, 212



193, 251, 255



128, 115, 120



191, 0, 80



64, 0, 27

Previews

White Background



This preview shows how the RGB color 255, 193, 219 looks on a white background.

Color Contrast Check

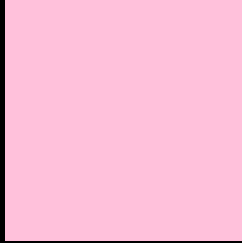
Large Text (above 18pt) WCAG AA × Fail

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, 193, 219 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, 193, 219 Background



This preview shows how black text looks on a background with the RGB color 255, 193, 219.



This preview shows how white text looks on a background with the RGB color 255, 193, 219.

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, 193, 219

Protanopia
209, 209, 229

Deuteranopia
228, 204, 217



Tritanopia
254, 195, 210

Trichromacy



Original Color
255, 193, 219

Protanomaly
226, 203, 225

Deuteranomaly
238, 200, 218

Tritanomaly
254, 194, 213

Monochromacy



Original Color
255, 193, 219

Achromatopsia
215, 215, 215

Achromatomaly
230, 207, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 193, 219 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, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 219)  
}
```

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, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 219) }
```

Border

The CSS property to change the border of an element to RGB 255, 193, 219 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, 193, 219) }
```

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

```
.border{ border-color:rgb(255, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 255, 193, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 219) }
```

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

```
.background{ background-color: rgb(255,  
193, 219) }
```

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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