

Converting Colors

RGB(255, 193, 228)

Have a look what the booklet for
RGB(255, 193, 228) contains.

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Color

RGB(255, 193, 228)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E4
RGB	255, 193, 228
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2431, 0.1059
CMYK	0.00, 0.24, 0.11, 0.00
HSL	326°, 100%, 88%
HSV	326°, 24%, 100%
XYZ	74.3136, 65.0014, 82.0286
YIQ	215.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

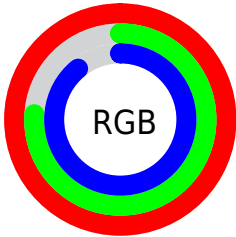
Format	Color
R_{YB}	255, 193, 228
Decimal	16761316
CIE _{Lab}	84.48, 27.50, -8.73
CIE _{LCh}	84, 28.855, 342.380
Yxy	65.0014, 0.3357, 0.2937
Android (android.graphics.Color)	4294951396 (0xFFFFC1E4)
YUV	215.5280, 6.1487, 34.6169
Hunter-Lab	80.6234, 23.4390, -3.8869

Details

The RGB color **255, 193, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 255, 220**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 250, 255, and **198, 139, 173** is the 20% darker color. If you saturate the color by 10%, you get **255, 168, 217**, and if you desaturate by 10%, it is **255, 219, 239**.

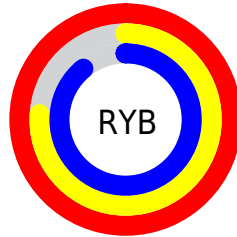
Distribution



Red (100%)

Green (76%)

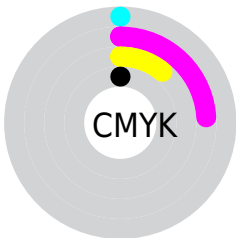
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

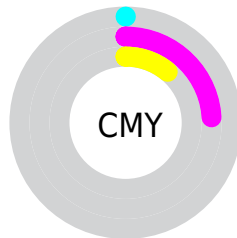


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 193, 228 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, 228 by changing the saturation by 10% instead.

 255, 193, 228


255, 255, 255

 255, 250, 255

 255, 193, 228


 226, 166, 200

 198, 139, 173

 170, 113, 146

 143, 88, 120

 117, 64, 96

 91, 41, 72

 67, 17, 49

 44, 0, 28

 10, 0, 0

■ 255, 193, 228

■ 255, 193, 228

■ 255, 168, 217

■ 255, 219, 239

■ 255, 142, 206

■ 255, 244, 250

■ 255, 117, 195

255, 255, 255

■ 255, 91, 184

■ 255, 66, 172

■ 255, 40, 161

■ 255, 15, 150

■ 255, 0, 144

Harmonies

Analogous

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



229, 200, 251



255, 193, 228



255, 191, 200

Triad

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



255, 193, 228



219, 213, 157



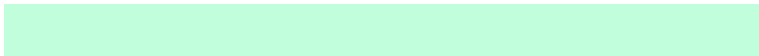
133, 224, 247

Complementary

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



255, 193, 228



193, 255, 220

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.



136, 226, 221



255, 193, 228



189, 220, 170

Square

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



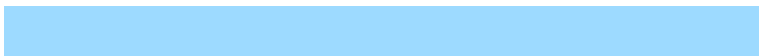
255, 193, 228



245, 204, 160



158, 225, 193



157, 218, 255

Rectangle

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



255, 193, 228



255, 193, 183



158, 225, 193



131, 225, 239

Sweetspot

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



255, 193, 228



255, 237, 247



220, 193, 255



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



255, 193, 228



255, 181, 223



255, 193, 197



128, 115, 122



191, 0, 108



64, 0, 36

Inverse Universe

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



255, 193, 228



255, 181, 223



193, 255, 251



128, 115, 122



191, 0, 108



64, 0, 36

Previews

White Background



This preview shows how the RGB color 255, 193, 228 looks on a white background.

Color Contrast Check

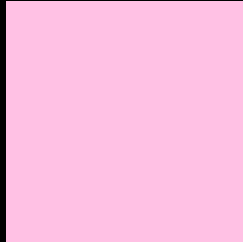
Large Text (above 18pt) WCAG AA × Fail

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, 228 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, 228 Background



This preview shows how black text looks on a background with the RGB color 255, 193, 228.



This preview shows how white text looks on a background with the RGB color 255, 193, 228.

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, 228

Protanopia
207, 210, 238

Deuteranopia
225, 205, 226



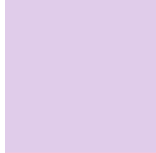
Tritanopia
253, 196, 211

Trichromacy



Original Color

255, 193, 228



Protanomaly

224, 204, 234



Deuteranomaly

236, 201, 227



Tritanomaly

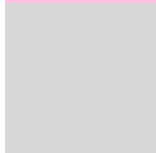
254, 195, 217

Monochromacy



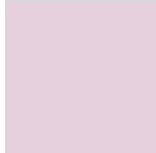
Original Color

255, 193, 228



Achromatopsia

216, 216, 216



Achromatomaly

230, 208, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 193, 228 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 228) }
```

Border

The CSS property to change the border of an element to RGB 255, 193, 228 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, 228) }
```

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

```
.border{ border-color:rgb(255, 193, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 255, 193, 228 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
193, 228) }
```

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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