

Converting Colors

RGB(255, 193, 224)

Have a look what the booklet for
RGB(255, 193, 224) contains.

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Color

RGB(255, 193, 224)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E0
RGB	255, 193, 224
RGB Percent	100%, 76%, 88%
CMY	0.0000, 0.2431, 0.1216
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	73.7645, 64.7817, 79.1373
YIQ	215.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

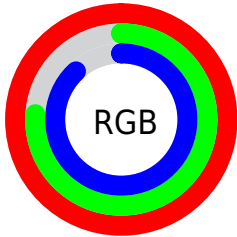
Format	Color
R_{YB}	255, 193, 224
Decimal	16761312
CIE _{Lab}	84.37, 26.85, -6.77
CIE _{LCh}	84, 27.692, 345.858
Yxy	64.7817, 0.3389, 0.2976
Android (android.graphics.Color)	4294951392 (0xFFFFC1E0)
YUV	215.0720, 4.4015, 35.0169
Hunter-Lab	80.4871, 22.7385, -1.9547

Details

The RGB color **255, 193, 224** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 255, 224**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 250, 255, and **198, 139, 169** is the 20% darker color. If you saturate the color by 10%, you get **255, 168, 211**, and if you desaturate by 10%, it is **255, 219, 237**.

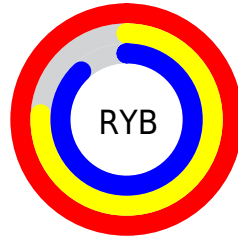
Distribution



Red (100%)

Green (76%)

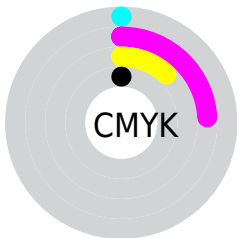
Blue (88%)



Red (100%)

Yellow (76%)

Blue (88%)

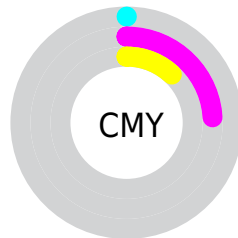


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 193, 224 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, 224 by changing the saturation by 10% instead.

 255, 193, 224


 255, 193, 224

255, 255, 255

 226, 166, 196


 255, 250, 255

 198, 139, 169

 170, 113, 142

 143, 88, 117

 117, 64, 92

 91, 41, 69

 66, 18, 46

 44, 0, 26

 7, 0, 0

■ 255, 193, 224

■ 255, 193, 224

■ 255, 168, 211

■ 255, 219, 237

■ 255, 142, 199

■ 255, 244, 250

■ 255, 117, 186

255, 255, 255

■ 255, 91, 173

■ 255, 66, 160

■ 255, 40, 147

■ 255, 15, 135

■ 255, 0, 128

Harmonies

Analogous

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



232, 199, 247



255, 193, 224



255, 192, 197

Triad

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



255, 193, 224



216, 213, 160



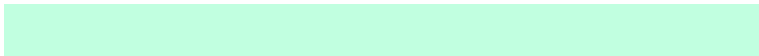
139, 223, 247

Complementary

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



255, 193, 224



193, 255, 224

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.



138, 225, 224



255, 193, 224



186, 220, 174

Square

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



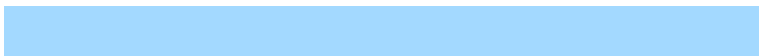
255, 193, 224



241, 205, 160



157, 224, 197



163, 217, 255

Rectangle

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



255, 193, 224



255, 195, 181



157, 224, 197



136, 224, 240

Sweetspot

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



255, 193, 224



255, 237, 246



224, 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, 224



255, 181, 218



255, 193, 193



128, 115, 121



191, 0, 96



64, 0, 32

Inverse Universe

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



255, 193, 224



255, 181, 218



193, 255, 255



128, 115, 121



191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RGB color 255, 193, 224 looks on a white background.

Color Contrast Check

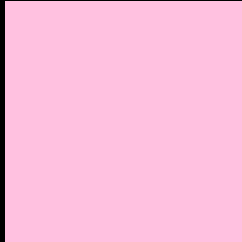
Large Text (above 18pt) WCAG AA × Fail

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, 224 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, 224 Background



This preview shows how black text looks on a background with the RGB color 255, 193, 224.



This preview shows how white text looks on a background with the RGB color 255, 193, 224.

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, 224

Protanopia
208, 209, 234

Deuteranopia
226, 205, 222



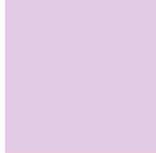
Tritanopia
253, 195, 210

Trichromacy



Original Color

255, 193, 224



Protanomaly

225, 203, 230



Deuteranomaly

237, 201, 223



Tritanomaly

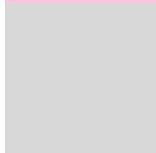
254, 194, 215

Monochromacy



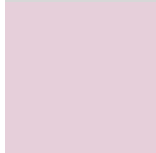
Original Color

255, 193, 224



Achromatopsia

215, 215, 215



Achromatomaly

230, 207, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 193, 224 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 224) }
```

Border

The CSS property to change the border of an element to RGB 255, 193, 224 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, 224) }
```

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

```
.border{ border-color:rgb(255, 193, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 255, 193, 224 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
193, 224) }
```

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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