

Converting Colors

RGB(255, 194, 234)

Have a look what the booklet for
RGB(255, 194, 234) contains.

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Color

RGB(255, 194, 234)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2EA
RGB	255, 194, 234
RGB Percent	100%, 76%, 92%
CMY	0.0000, 0.2392, 0.0824
CMYK	0.00, 0.24, 0.08, 0.00
HSL	321°, 100%, 88%
HSV	321°, 24%, 100%
XYZ	75.3831, 65.7841, 86.5664
YIQ	216.7990, 23.5160, 25.3720

Conversions

Conversions Part 2

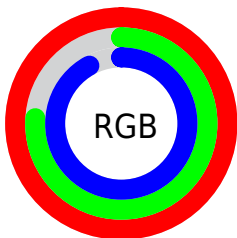
Format	Color
R _Y B	255, 194, 234
Decimal	16761578
CIE Lab	84.89, 27.97, -11.34
CIE LCh	85, 30.180, 337.935
Yxy	65.7841, 0.3310, 0.2889
Android (android.graphics.Color)	4294951658 (0xFFFFC2EA)
YUV	216.7990, 8.4801, 33.5023
Hunter-Lab	81.1074, 23.9641, -6.5054

Details

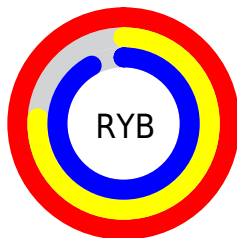
The RGB color **255, 194, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **194, 255, 215**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 251, 255, and **198, 140, 178** is the 20% darker color. If you saturate the color by 10%, you get **255, 169, 225**, and if you desaturate by 10%, it is **255, 219, 243**.

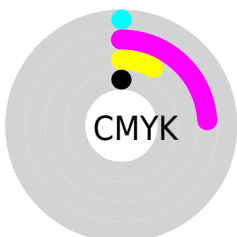
Distribution



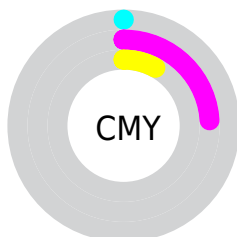
- Red (100%)
- Green (76%)
- Blue (92%)



- Red (100%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 194, 234 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, 194, 234 by changing the saturation by 10% instead.

 255, 194, 234


 255, 194, 234


255, 255, 255

 226, 167, 206


 255, 251, 255

 198, 140, 178

 170, 114, 152

 143, 89, 126

 117, 65, 101

 91, 41, 77


 67, 18, 54

 44, 0, 33

 12, 0, 6

 255, 194, 234

 255, 194, 234

 255, 169, 225

 255, 219, 243


 255, 143, 216


 255, 245, 252


 255, 118, 208

255, 255, 255

 255, 92, 199

 255, 66, 190

 255, 41, 181

 255, 16, 173

 255, 0, 167

Harmonies

Analogous

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



226, 202, 255



255, 194, 234



255, 191, 205

Triad

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



255, 194, 234



225, 213, 155



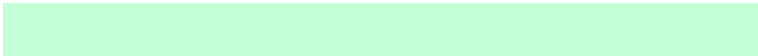
128, 226, 246

Complementary

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



255, 194, 234



194, 255, 215

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.



135, 228, 219



255, 194, 234



194, 221, 166

Square

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



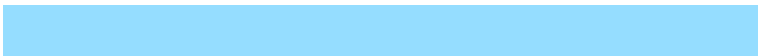
255, 194, 234



251, 203, 160



161, 226, 190



149, 221, 255

Rectangle

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



255, 194, 234



255, 193, 187



161, 226, 190



127, 227, 238

Sweetspot

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



255, 194, 234



255, 237, 249



214, 194, 255



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



255, 194, 234



255, 181, 230



255, 194, 204



128, 115, 123



191, 0, 125



64, 0, 42

Inverse Universe

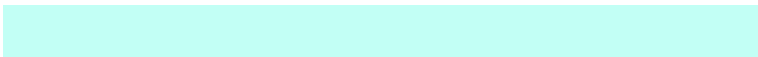
The Inverse Universe completely reimagines the original color for something new.



255, 194, 234



255, 181, 230



194, 255, 245



128, 115, 123



191, 0, 125



64, 0, 42

Previews

White Background



This preview shows how the RGB color 255, 194, 234 looks on a white background.

Color Contrast Check

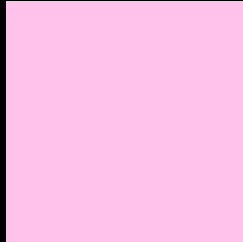
Large Text (above 18pt) WCAG AA × Fail

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, 194, 234 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, 194, 234 Background



This preview shows how black text looks on a background with the RGB color 255, 194, 234.



This preview shows how white text looks on a background with the RGB color 255, 194, 234.

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, 194, 234

Protanopia
206, 211, 245

Deuteranopia
224, 206, 232



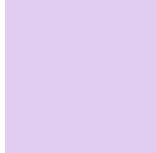
Tritanopia
252, 198, 213

Trichromacy



Original Color

255, 194, 234



Protanomaly

224, 205, 241



Deuteranomaly

235, 202, 233



Tritanomaly

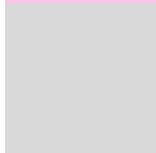
253, 197, 221

Monochromacy



Original Color

255, 194, 234



Achromatopsia

217, 217, 217



Achromatomaly

231, 209, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 194, 234 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, 194, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 234)  
}
```

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, 194, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 234) }
```

Border

The CSS property to change the border of an element to RGB 255, 194, 234 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, 194, 234) }
```

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

```
.border{ border-color:rgb(255, 194, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 255, 194, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 234) }
```

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

```
.background{ background-color: rgb(255,  
194, 234) }
```

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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