

Converting Colors

`RYB(255, 194, 248)`

Have a look what the booklet for
RYB(255, 194, 248) contains.

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Color

`RYB(255, 194, 248)`

Conversions

Conversions Part 1	
Format	Color
Hex	FFC2F8
RGB	255, 194, 248
RGB Percent	100%, 76%, 97%
CMY	0.0000, 0.2392, 0.0275
CMYK	0.00, 0.24, 0.03, 0.00
HSL	307°, 100%, 88%
HSV	307°, 24%, 100%
XYZ	77.4751, 66.6209, 97.5827
YIQ	218.3950, 19.0220, 29.7260

Conversions

Conversions Part 2

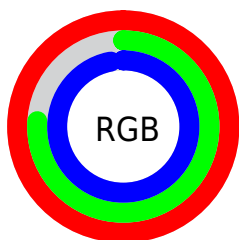
Format	Color
RYB	255, 194, 248
Decimal	16761592
CIELab	85.31, 30.38, -18.15
CIELCh	85, 35.385, 329.140
Yxy	66.6209, 0.3206, 0.2757
Android (android.graphics.Color)	4294951672 (0xFFFFC2F8)
YUV	218.3950, 14.5953, 32.1026
Hunter-Lab	81.6216, 26.5940, -13.7490

Details

The RYB color **255, 194, 248** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **194, 249, 255**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 251, 255**, and **198, 140, 192** is the 20% darker color. If you saturate the color by 10%, you get **255, 169, 245**, and if you desaturate by 10%, it is **255, 219, 251**.

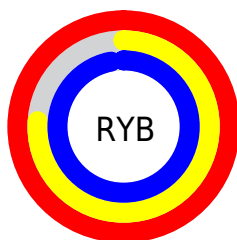
Distribution



Red (100%)

Green (76%)

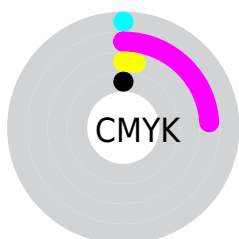
Blue (97%)



Red (100%)

Yellow (76%)

Blue (97%)

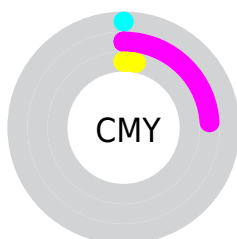


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 194, 248 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 RYB color 255, 194, 248 by changing the saturation by 10% instead.


 255, 194, 248

 255, 194, 248


255, 255, 255

 226, 167, 219


 255, 251, 255

 198, 140, 192

 170, 114, 164


 143, 89, 138

 117, 64, 112

 91, 41, 88

 67, 17, 64

 44, 0, 42

 14, 0, 21

 255, 194, 248

 255, 194, 248

 255, 169, 245

 255, 219, 251

 255, 143, 242

 255, 245, 254


 255, 118, 239

255, 255, 255

 255, 92, 236

 255, 66, 233

 255, 41, 230

 255, 16, 228

 255, 0, 226

Harmonies

Analogous

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



217, 205, 255



255, 194, 248



255, 188, 215

Triad

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



255, 194, 248



184, 238, 146



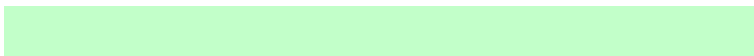
106, 172, 245

Complementary

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



255, 194, 248



194, 249, 255

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.



126, 185, 232



255, 194, 248



154, 221, 173

Square

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



255, 194, 248



255, 231, 157



163, 216, 228



123, 181, 255

Rectangle

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



255, 194, 248



255, 189, 193



163, 216, 228



109, 171, 234

Sweetspot

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



255, 194, 248



255, 237, 253



200, 194, 255



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 194, 248



255, 181, 247



255, 194, 218



128, 115, 126



191, 0, 169



64, 0, 56

Inverse Universe

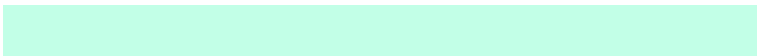
The Inverse Universe completely reimagines the original color for something new.



255, 194, 248



255, 181, 247



194, 232, 255



128, 115, 126



191, 0, 169



64, 0, 56

Previews

White Background



This preview shows how the RYB color 255, 194, 248 looks on a white background.

Color Contrast Check

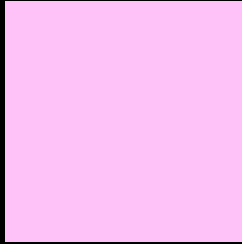
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 194, 248 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](#).

RYB 255, 194, 248 Background



This preview shows how black text looks on a background with the RYB color 255, 194, 248.



This preview shows how white text looks on a background with the RYB color 255, 194, 248.

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, 248

Protanopia

204, 211, 255

Deuteranopia

219, 208, 245



Tritanopia

251, 200, 215

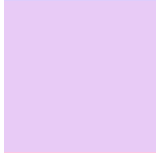
Trichromacy



Original Color
255, 194, 248



Protanomaly
223, 205, 252



Deuteranomaly
232, 203, 246

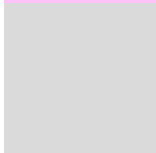


Tritanomaly
252, 198, 227

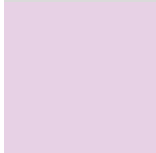
Monochromacy



Original Color
255, 194, 248



Achromatopsia
218, 218, 218



Achromatomaly
231, 209, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 194, 248 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, 248) looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 248) }
```

Border

The CSS property to change the border of an element to RYB 255, 194, 248 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, 248) }
```

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

```
.border{ border-color:rgb(255, 194, 248) }
```

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, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 255, 194, 248 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
194, 248) }
```

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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