

Converting Colors

`RYB(255, 204, 253)`

Have a look what the booklet for
RYB(255, 204, 253) contains.

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Color

R_YB(255, 204, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCFD
RGB	255, 204, 253
RGB Percent	100%, 80%, 99%
CMY	0.0000, 0.2000, 0.0078
CMYK	0.00, 0.20, 0.01, 0.00
HSL	302°, 100%, 90%
HSV	302°, 20%, 100%
XYZ	80.5625, 71.5376, 102.4905
YIQ	224.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

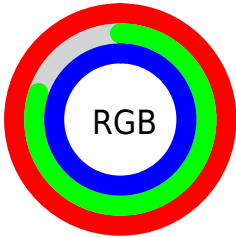
Format	Color
R _Y B	255, 204, 253
Decimal	16764157
CIE _{Lab}	87.75, 26.01, -17.14
CIE _{LCh}	88, 31.147, 326.624
Y _{xy}	71.5376, 0.3164, 0.2810
Android (android.graphics.Color)	4294954237 (0xFFFFCCFD)
Y _{UV}	224.8350, 13.8853, 26.4547
Hunter-Lab	84.5799, 22.0067, -12.6393

Details

The RYB color **255, 204, 253** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 253, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 149, 196** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 252**, and if you desaturate by 10%, it is **255, 230, 254**.

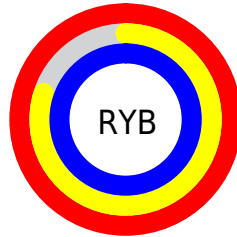
Distribution



Red (100%)

Green (80%)

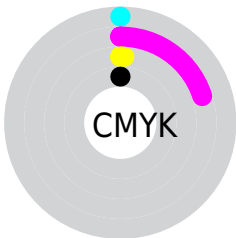
Blue (99%)



Red (100%)

Yellow (80%)

Blue (99%)

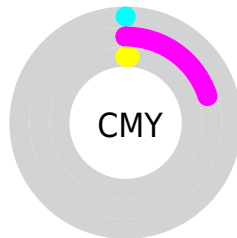


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 204, 253 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, 204, 253 by changing the saturation by 10% instead.


 255, 204, 253


 255, 204, 253

255, 255, 255

 226, 176, 224


 198, 149, 196

 170, 123, 169

 143, 98, 143

 117, 74, 117

 92, 50, 92


 68, 28, 68

 44, 5, 46

 22, 0, 25

 255, 204, 253


 255, 204, 253

 255, 179, 252


 255, 230, 254


 255, 153, 251


255, 255, 255

 255, 128, 250

 255, 102, 249

 255, 77, 248

 255, 51, 247

 255, 25, 246

 255, 0, 245

Harmonies

Analogous

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



220, 214, 255



255, 204, 253



255, 199, 225

Triad

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



255, 204, 253



203, 245, 161



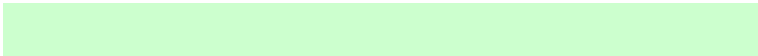
132, 186, 245

Complementary

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



255, 204, 253



204, 253, 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.



149, 198, 236



255, 204, 253



167, 226, 179

Square

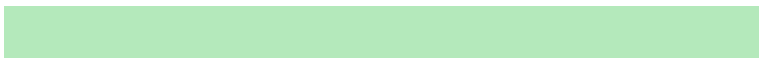
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 204, 253



255, 233, 172



180, 227, 233



143, 193, 255

Rectangle

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



255, 204, 253



255, 199, 204



180, 227, 233



135, 186, 237

Sweetspot

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



255, 204, 253



255, 240, 254



206, 204, 255



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 204, 253



255, 194, 253



255, 204, 228



128, 115, 127



191, 0, 184



64, 0, 61

Inverse Universe

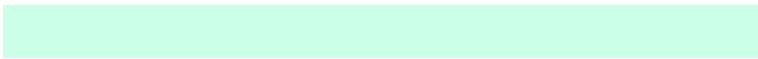
The Inverse Universe completely reimagines the original color for something new.



255, 204, 253



255, 194, 253



204, 237, 255



128, 115, 127



191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RYB color 255, 204, 253 looks on a white background.

Color Contrast Check

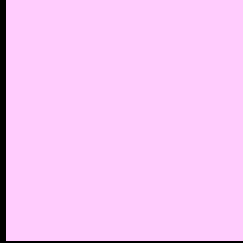
Large Text (above 18pt) WCAG AA × Fail

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, 204, 253 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, 204, 253 Background



This preview shows how black text looks on a background with the RYB color 255, 204, 253.



This preview shows how white text looks on a background with the RYB color 255, 204, 253.

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, 204, 253

Protanopia
213, 218, 255

Deuteranopia
227, 215, 251



Tritanopia

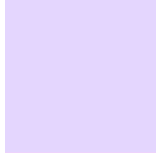
251, 209, 225

Trichromacy



Original Color

255, 204, 253



Protanomaly

228, 214, 254



Deuteranomaly

237, 211, 252



Tritanomaly

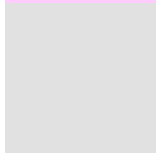
252, 207, 235

Monochromacy



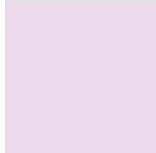
Original Color

255, 204, 253



Achromatopsia

225, 225, 225



Achromatomaly

236, 217, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 204, 253 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, 204, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 253)  
}
```

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, 204, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 253) }
```

Border

The CSS property to change the border of an element to RYB 255, 204, 253 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, 204, 253) }
```

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

```
.border{ border-color:rgb(255, 204, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 255, 204, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 253) }
```

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

```
.background{ background-color: rgb(255,  
204, 253) }
```

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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