

Converting Colors

`RYB(255, 201, 235)`

Have a look what the booklet for
RYB(255, 201, 235) contains.

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Color

R_YB(255, 201, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9EB
RGB	255, 201, 235
RGB Percent	100%, 79%, 92%
CMY	0.0000, 0.2118, 0.0784
CMYK	0.00, 0.21, 0.08, 0.00
HSL	322°, 100%, 89%
HSV	322°, 21%, 100%
XYZ	77.1220, 69.0314, 87.8569
YIQ	221.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

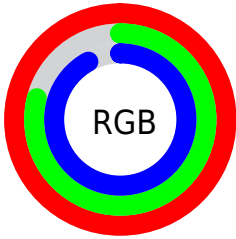
Format	Color
R_{YB}	255, 201, 235
Decimal	16763371
CIE _{Lab}	86.52, 24.46, -9.44
CIE _{LCh}	87, 26.218, 338.902
Yxy	69.0314, 0.3296, 0.2950
Android (android.graphics.Color)	4294953451 (0xFFFFC9EB)
YUV	221.0220, 6.8912, 29.7987
Hunter-Lab	83.0852, 20.2898, -4.5355

Details

The RYB color **255, 201, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 240, 255**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 147, 179** is the 20% darker color. If you saturate the color by 10%, you get **255, 176, 226**, and if you desaturate by 10%, it is **255, 227, 244**.

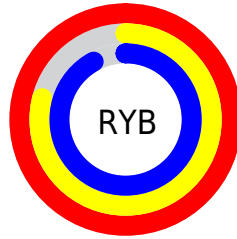
Distribution



Red (100%)

Green (79%)

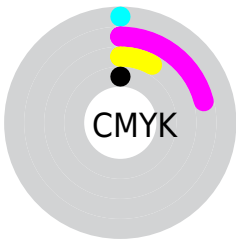
Blue (92%)



Red (100%)

Yellow (79%)

Blue (92%)

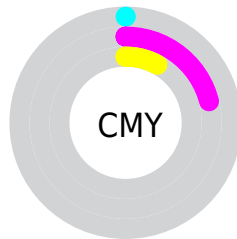


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 201, 235 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, 201, 235 by changing the saturation by 10% instead.


 255, 201, 235


255, 255, 255

 255, 201, 235


 226, 173, 207


 198, 147, 179

 170, 121, 152

 143, 95, 127

 117, 71, 102

 92, 48, 78


 68, 26, 55

 44, 3, 33

 19, 0, 9

 255, 201, 235


 255, 201, 235

 255, 176, 226

 255, 227, 244


 255, 150, 216


 255, 252, 254


 255, 124, 207

255, 255, 255

 255, 99, 197

 255, 73, 188

 255, 48, 178

 255, 22, 169

 255, 0, 161

Harmonies

Analogous

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



230, 208, 255



255, 201, 235



255, 199, 210

Triad

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



255, 201, 235



180, 228, 167



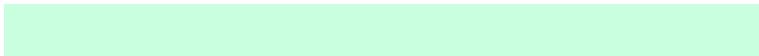
148, 193, 247

Complementary

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



255, 201, 235



201, 240, 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.



151, 193, 231



255, 201, 235



177, 225, 202

Square

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



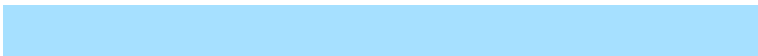
255, 201, 235



251, 243, 171



172, 211, 229



166, 201, 255

Rectangle

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



255, 201, 235



255, 201, 194



172, 211, 229



146, 190, 240

Sweetspot

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



255, 201, 235



255, 240, 249



221, 201, 255



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



255, 201, 235



255, 191, 231



255, 201, 208



128, 115, 123



191, 0, 120



64, 0, 40

Inverse Universe

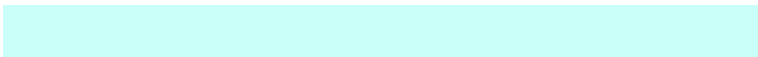
The Inverse Universe completely reimagines the original color for something new.



255, 201, 235



255, 191, 231



201, 230, 255



128, 115, 123



191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RYB color 255, 201, 235 looks on a white background.

Color Contrast Check

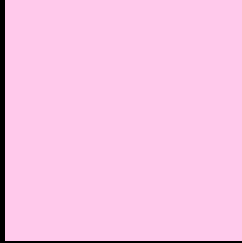
Large Text (above 18pt) WCAG AA × Fail

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, 201, 235 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](#).

RYP 255, 201, 235 Background



This preview shows how black text looks on a background with the RYP color 255, 201, 235.



This preview shows how white text looks on a background with the RYP color 255, 201, 235.

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, 201, 235

Protanopia
213, 215, 244

Deuteranopia
230, 211, 233



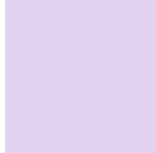
Tritanopia
253, 204, 219

Trichromacy



Original Color

255, 201, 235



Protanomaly

228, 210, 241



Deuteranomaly

239, 207, 234



Tritanomaly

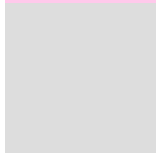
254, 203, 225

Monochromacy



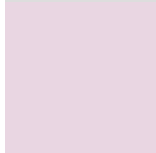
Original Color

255, 201, 235



Achromatopsia

221, 221, 221



Achromatomaly

233, 214, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 201, 235 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, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 235)  
}
```

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, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 235) }
```

Border

The CSS property to change the border of an element to RYB 255, 201, 235 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, 201, 235) }
```

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

```
.border{ border-color:rgb(255, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 255, 201, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 235) }
```

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

```
.background{ background-color: rgb(255,  
201, 235) }
```

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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