

Converting Colors

`RYB(255, 170, 250)`

Have a look what the booklet for
RYB(255, 170, 250) contains.

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Color

`RYB(255, 170, 250)`

Conversions

Conversions Part 1

Format	Color
Hex	FFAAFA
RGB	255, 170, 250
RGB Percent	100%, 67%, 98%
CMY	0.0000, 0.3333, 0.0196
CMYK	0.00, 0.33, 0.02, 0.00
HSL	304°, 100%, 83%
HSV	304°, 33%, 100%
XYZ	72.8700, 56.9116, 97.5868
YIQ	204.5350, 24.9800, 42.9000

Conversions

Conversions Part 2

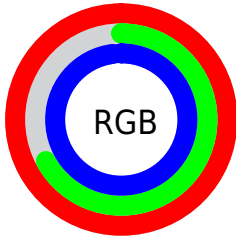
Format	Color
R _Y B	255, 170, 250
Decimal	16755450
CIE Lab	80.13, 43.27, -27.09
CIE LCh	80, 51.049, 327.952
Yxy	56.9116, 0.3205, 0.2503
Android (android.graphics.Color)	4294945530 (0xFFFFAAFA)
YUV	204.5350, 22.4142, 44.2578
Hunter-Lab	75.4398, 40.4001, -23.8881

Details

The RYB color **255, 170, 250** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **170, 250, 255**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 226, 255**, and **197, 116, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 145, 248**, and if you desaturate by 10%, it is **255, 195, 251**.

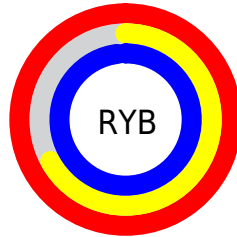
Distribution



Red (100%)

Green (67%)

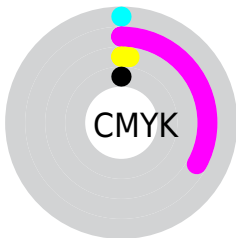
Blue (98%)



Red (100%)

Yellow (67%)

Blue (98%)

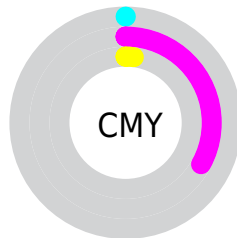


Cyan (0%)

Magenta (33%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 170, 250 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, 170, 250 by changing the saturation by 10% instead.


 255, 170, 250

 255, 170, 250


255, 255, 255

 226, 143, 221

 255, 226, 255

 197, 116, 193

 169, 90, 166

 142, 65, 139

 115, 39, 114

 89, 9, 89

 63, 0, 65

 43, 0, 43


 0, 0, 21

 255, 170, 250


 255, 170, 250

 255, 145, 248


 255, 195, 251

 255, 119, 247

 255, 221, 253


 255, 94, 245

 255, 247, 255

 255, 68, 244

255, 255, 255

 255, 42, 242

 255, 17, 241

 255, 0, 240

Harmonies

Analogous

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



198, 188, 255



255, 170, 250



255, 160, 204

Triad

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



255, 170, 250



152, 231, 102



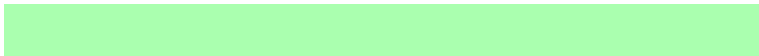
0, 116, 242

Complementary

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



255, 170, 250



170, 250, 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.



22, 130, 223



255, 170, 250



112, 209, 138

Square

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



255, 170, 250



255, 223, 119



125, 202, 219



0, 117, 255

Rectangle

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



255, 170, 250



255, 161, 172



125, 202, 219



0, 112, 227

Sweetspot

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



255, 170, 250



255, 230, 253



174, 170, 255



128, 112, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 170, 250



255, 153, 249



255, 170, 208



128, 115, 127



191, 0, 180



64, 0, 60

Inverse Universe

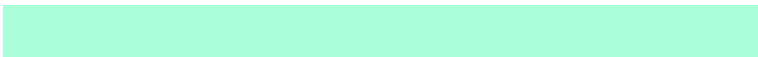
The Inverse Universe completely reimagines the original color for something new.



255, 170, 250



255, 153, 249



170, 225, 255



128, 115, 127



191, 0, 180



64, 0, 60

Previews

White Background



This preview shows how the RYB color 255, 170, 250 looks on a white background.

Color Contrast Check

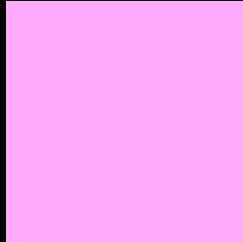
Large Text (above 18pt) WCAG AA × Fail

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, 170, 250 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, 170, 250 Background



This preview shows how black text looks on a background with the RYB color 255, 170, 250.



This preview shows how white text looks on a background with the RYB color 255, 170, 250.

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, 170, 250

Protanopia
183, 195, 255

Deuteranopia
195, 195, 245



Tritanopia
248, 181, 195

Trichromacy



Original Color

255, 170, 250



Protanomaly

209, 187, 253



Deuteranomaly

217, 186, 247



Tritanomaly

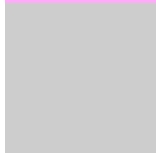
251, 177, 215

Monochromacy



Original Color

255, 170, 250



Achromatopsia

205, 205, 205



Achromatomaly

223, 192, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 170, 250 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, 170, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 250)  
}
```

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, 170, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 250) }
```

Border

The CSS property to change the border of an element to RYB 255, 170, 250 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, 170, 250) }
```

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

```
.border{ border-color:rgb(255, 170, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 255, 170, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 250) }
```

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

```
.background{ background-color: rgb(255,  
170, 250) }
```

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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