

Converting Colors

RGB(255, 170, 254)

Have a look what the booklet for
RGB(255, 170, 254) contains.

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Color

RGB(255, 170, 254)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAFE
RGB	255, 170, 254
RGB Percent	100%, 67%, 100%
CMY	0.0000, 0.3333, 0.0039
CMYK	0.00, 0.33, 0.00, 0.00
HSL	301°, 100%, 83%
HSV	301°, 33%, 100%
XYZ	73.5041, 57.1652, 100.9258
YIQ	204.9910, 23.6960, 44.1440

Conversions

Conversions Part 2

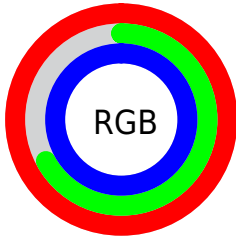
Format	Color
R _Y B	255, 170, 254
Decimal	16755454
CIE Lab	80.27, 43.98, -29.02
CIE LCh	80, 52.689, 326.583
Yxy	57.1652, 0.3174, 0.2468
Android (android.graphics.Color)	4294945534 (0xFFFFAAFE)
YUV	204.9910, 24.1614, 43.8579
Hunter-Lab	75.6077, 41.2203, -26.2186

Details

The RGB color **255, 170, 254** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **170, 255, 171**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 226, 255**, and **197, 116, 197** is the 20% darker color. If you saturate the color by 10%, you get **255, 145, 254**, and if you desaturate by 10%, it is **255, 195, 254**.

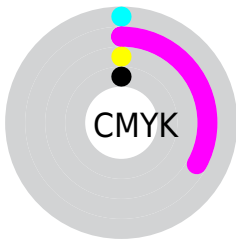
Distribution



- Red (100%)
- Green (67%)
- Blue (100%)



- Red (100%)
- Yellow (67%)
- Blue (100%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 170, 254 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, 170, 254 by changing the saturation by 10% instead.

 255, 170, 254

 255, 170, 254


255, 255, 255

 226, 143, 225

 255, 226, 255

 197, 116, 197

 169, 90, 170

 141, 65, 143

 115, 39, 117

 89, 8, 92

 63, 0, 68

 42, 0, 46


 0, 0, 24

 255, 170, 254


 255, 170, 254

 255, 145, 254


 255, 195, 254

 255, 119, 253

 255, 221, 255


 255, 94, 253

 255, 247, 255

 255, 68, 253

255, 255, 255

 255, 42, 253

 255, 17, 252

 255, 0, 252

Harmonies

Analogous

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



195, 188, 255



255, 170, 254



255, 159, 207

Triad

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



255, 170, 254



234, 194, 99



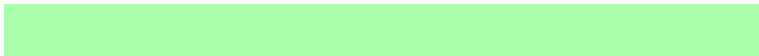
0, 224, 242

Complementary

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



255, 170, 254



170, 255, 171

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.



2, 224, 192



255, 170, 254



185, 209, 108

Square

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



255, 170, 254



255, 177, 118



125, 219, 143



0, 218, 255

Rectangle

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



255, 170, 254



255, 159, 174



125, 219, 143



0, 224, 226

Sweetspot

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



255, 170, 254



255, 230, 255



170, 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, 254



255, 153, 254



255, 170, 212



128, 115, 127



191, 0, 189



64, 0, 63

Inverse Universe

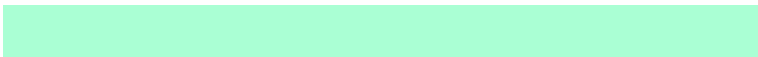
The Inverse Universe completely reimagines the original color for something new.



255, 170, 254



255, 153, 254



170, 255, 212



128, 115, 127



191, 0, 189



64, 0, 63

Previews

White Background



This preview shows how the RGB color 255, 170, 254 looks on a white background.

Color Contrast Check

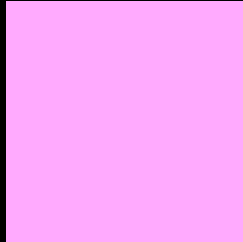
Large Text (above 18pt) WCAG AA × Fail

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, 170, 254 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, 170, 254 Background



This preview shows how black text looks on a background with the RGB color 255, 170, 254.

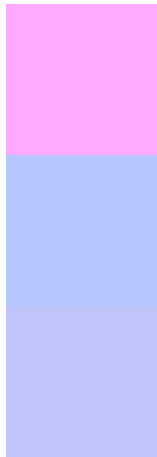


This preview shows how white text looks on a background with the RGB color 255, 170, 254.

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, 254

Protanopia
184, 198, 255

Deuteranopia
193, 196, 249



Tritanopia
247, 182, 196

Trichromacy



Original Color

255, 170, 254



Protanomaly

210, 188, 255



Deuteranomaly

216, 187, 251



Tritanomaly

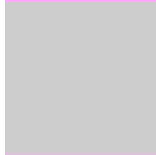
250, 178, 217

Monochromacy



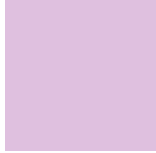
Original Color

255, 170, 254



Achromatopsia

205, 205, 205



Achromatomaly

223, 192, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 170, 254 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 254) }
```

Border

The CSS property to change the border of an element to RGB 255, 170, 254 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, 254) }
```

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

```
.border{ border-color:rgb(255, 170, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 255, 170, 254 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
170, 254) }
```

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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