

Converting Colors

RGB(255, 172, 204)

Have a look what the booklet for
RGB(255, 172, 204) contains.

RGB(255, 172, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 172, 204)

Conversions

Conversions Part 1

Format	Color
Hex	FFACCC
RGB	255, 172, 204
RGB Percent	100%, 67%, 80%
CMY	0.0000, 0.3255, 0.2000
CMYK	0.00, 0.33, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 33%, 100%
XYZ	66.8916, 55.1247, 64.2413
YIQ	200.4650, 39.1960, 27.5480

Conversions

Conversions Part 2

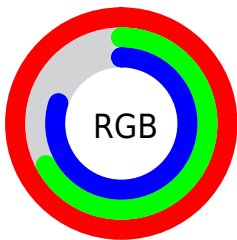
Format	Color
R _Y B	255, 172, 204
Decimal	16755916
CIE Lab	79.11, 34.78, -3.76
CIE LCh	79, 34.981, 353.835
Yxy	55.1247, 0.3591, 0.2960
Android (android.graphics.Color)	4294945996 (0xFFFFACCC)
YUV	200.4650, 1.7428, 47.8272
Hunter-Lab	74.2460, 30.8883, 0.6716

Details

The RGB color **255, 172, 204** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **172, 255, 223**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 228, 255**, and **197, 119, 150** is the 20% darker color. If you saturate the color by 10%, you get **255, 147, 188**, and if you desaturate by 10%, it is **255, 198, 220**.

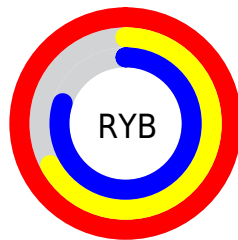
Distribution



Red (100%)

Green (67%)

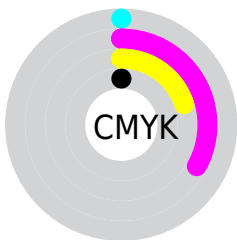
Blue (80%)



Red (100%)

Yellow (67%)

Blue (80%)

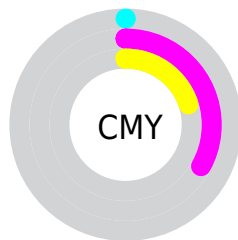


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 172, 204 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, 172, 204 by changing the saturation by 10% instead.

 255, 172, 204

 255, 172, 204

255, 255, 255

 226, 145, 177


 255, 228, 255

 197, 119, 150

 169, 93, 124

 141, 68, 99

 114, 43, 75

 88, 18, 53

 63, 0, 32

 43, 0, 7

 0, 0, 0

■ 255, 172, 204

■ 255, 172, 204

■ 255, 147, 188

■ 255, 198, 220

■ 255, 121, 173

■ 255, 223, 235

■ 255, 96, 157

■ 255, 249, 251

■ 255, 70, 141

255, 255, 255

■ 255, 45, 126

■ 255, 19, 110

■ 255, 0, 98

Harmonies

Analogous

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



231, 179, 235



255, 172, 204



255, 173, 171

Triad

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



255, 172, 204



192, 202, 136



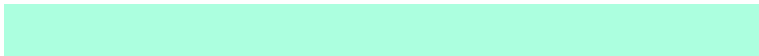
99, 209, 248

Complementary

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



255, 172, 204



172, 255, 223

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.



89, 213, 221



255, 172, 204



154, 209, 157

Square

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



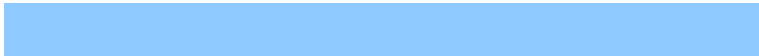
255, 172, 204



225, 192, 131



116, 213, 188



142, 201, 255

Rectangle

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



255, 172, 204



255, 177, 152



116, 213, 188



91, 211, 240

Sweetspot

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



255, 172, 204



255, 230, 239



222, 172, 255



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

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



255, 172, 204



255, 156, 194



255, 180, 172



128, 115, 120



191, 0, 74



64, 0, 25

Inverse Universe

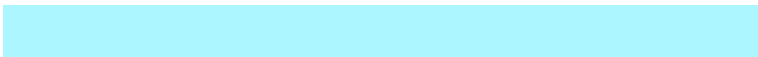
The Inverse Universe completely reimagines the original color for something new.



255, 172, 204



255, 156, 194



172, 247, 255



128, 115, 120



191, 0, 74



64, 0, 25

Previews

White Background



This preview shows how the RGB color 255, 172, 204 looks on a white background.

Color Contrast Check

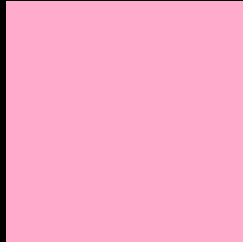
Large Text (above 18pt) WCAG AA × Fail

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, 172, 204 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, 172, 204 Background



This preview shows how black text looks on a background with the RGB color 255, 172, 204.



This preview shows how white text looks on a background with the RGB color 255, 172, 204.

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, 172, 204

Protanopia
193, 195, 218

Deuteranopia
213, 190, 201



Tritanopia
253, 175, 188

Trichromacy



Original Color

255, 172, 204



Protanomaly

216, 187, 213



Deuteranomaly

228, 183, 202



Tritanomaly

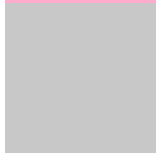
254, 174, 194

Monochromacy



Original Color

255, 172, 204



Achromatopsia

200, 200, 200



Achromatomaly

220, 190, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 172, 204 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, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 204)  
}
```

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, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 204) }
```

Border

The CSS property to change the border of an element to RGB 255, 172, 204 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, 172, 204) }
```

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

```
.border{ border-color:rgb(255, 172, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 255, 172, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 204) }
```

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

```
.background{ background-color: rgb(255,  
172, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor