

Converting Colors

RGB(255, 191, 202)

Have a look what the booklet for
RGB(255, 191, 202) contains.

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Color

RGB(255, 191, 202)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFCA
RGB	255, 191, 202
RGB Percent	100%, 75%, 79%
CMY	0.0000, 0.2510, 0.2078
CMYK	0.00, 0.25, 0.21, 0.00
HSL	350°, 100%, 87%
HSV	350°, 25%, 100%
XYZ	70.5315, 62.7859, 64.2786
YIQ	211.3900, 34.6130, 16.9890

Conversions

Conversions Part 2

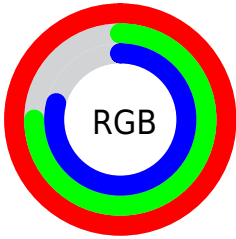
Format	Color
R_{YB}	255, 191, 202
Decimal	16760778
CIE _{Lab}	83.33, 24.53, 3.48
CIE _{LCh}	83, 24.774, 8.077
Yxy	62.7859, 0.3569, 0.3177
Android (android.graphics.Color)	4294950858 (0xFFFFBFCA)
YUV	211.3900, -4.6293, 38.2460
Hunter-Lab	79.2375, 20.2220, 7.3694

Details

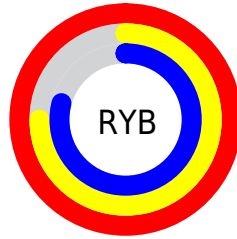
The RGB color **255, 191, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 255, 244**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 248, 255**, and **197, 137, 148** is the 20% darker color. If you saturate the color by 10%, you get **255, 166, 181**, and if you desaturate by 10%, it is **255, 217, 223**.

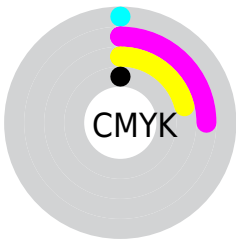
Distribution



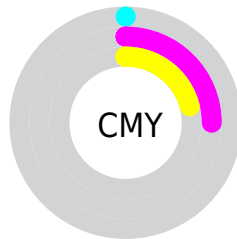
- Red (100%)
- Green (75%)
- Blue (79%)



- Red (100%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 191, 202 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, 191, 202 by changing the saturation by 10% instead.


 255, 191, 202

 255, 191, 202

255, 255, 255

 226, 164, 175

 255, 248, 255


 197, 137, 148

 169, 111, 122

 142, 87, 97

 116, 63, 74

 90, 40, 51

 65, 17, 30

 43, 0, 5

 0, 0, 0

 255, 191, 202

 255, 191, 202

 255, 166, 181

 255, 217, 223

 255, 140, 160

 255, 242, 244

 255, 115, 139

255, 255, 255

 255, 89, 118

 255, 64, 96

 255, 38, 75

 255, 13, 54

 255, 0, 44

Harmonies

Analogous

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



243, 193, 226



255, 191, 202



254, 194, 180

Triad

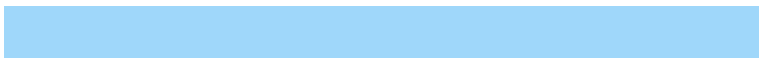
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 191, 202



193, 215, 170



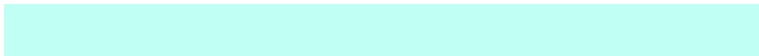
159, 215, 250

Complementary

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



255, 191, 202



191, 255, 244

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.



143, 219, 235



255, 191, 202



167, 219, 189

Square

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



255, 191, 202



219, 208, 161



147, 221, 213



189, 208, 253

Rectangle

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



255, 191, 202



246, 198, 169



147, 221, 213



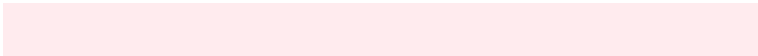
152, 217, 246

Sweetspot

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



255, 191, 202



255, 235, 238



243, 191, 255



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

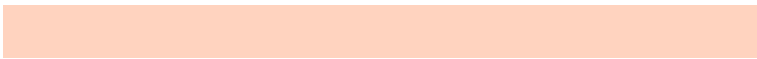
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 191, 202



255, 179, 192



255, 211, 191



128, 115, 117



191, 0, 33



64, 0, 11

Inverse Universe

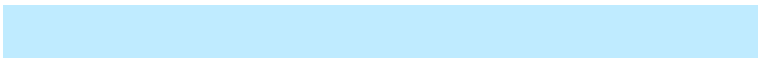
The Inverse Universe completely reimagines the original color for something new.



255, 191, 202



255, 179, 192



191, 235, 255



128, 115, 117



191, 0, 33



64, 0, 11

Previews

White Background



This preview shows how the RGB color 255, 191, 202 looks on a white background.

Color Contrast Check

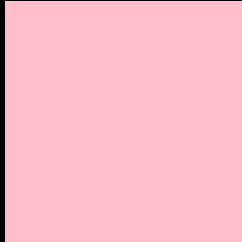
Large Text (above 18pt) WCAG AA × Fail

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, 191, 202 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, 191, 202 Background



This preview shows how black text looks on a background with the RGB color 255, 191, 202.

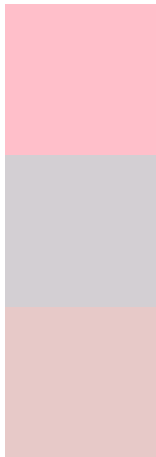


This preview shows how white text looks on a background with the RGB color 255, 191, 202.

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, 191, 202

Protanopia
211, 207, 211

Deuteranopia
231, 201, 200



Tritanopia
255, 191, 205

Trichromacy



Original Color
255, 191, 202

Protanomaly
227, 201, 208

Deuteranomaly
240, 197, 201

Tritanomaly
255, 191, 204

Monochromacy



Original Color
255, 191, 202

Achromatopsia
211, 211, 211

Achromatomaly
227, 204, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 191, 202 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, 191, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 202)  
}
```

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, 191, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 202) }
```

Border

The CSS property to change the border of an element to RGB 255, 191, 202 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, 191, 202) }
```

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

```
.border{ border-color:rgb(255, 191, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 255, 191, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 202) }
```

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

```
.background{ background-color: rgb(255,  
191, 202) }
```

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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