

Converting Colors

`RYB(255, 191, 196)`

Have a look what the booklet for
RYB(255, 191, 196) contains.

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Color

R_YB(255, 191, 196)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFC4
RGB	255, 191, 196
RGB Percent	100%, 75%, 77%
CMY	0.0000, 0.2510, 0.2314
CMYK	0.00, 0.25, 0.23, 0.00
HSL	355°, 100%, 87%
HSV	355°, 25%, 100%
XYZ	69.8346, 62.5071, 60.6090
YIQ	210.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

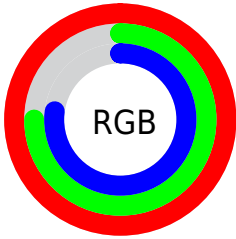
Format	Color
R_{YB}	255, 191, 196
Decimal	16760772
CIE _{Lab}	83.18, 23.67, 6.48
CIE _{LCh}	83, 24.539, 15.318
Yxy	62.5071, 0.3619, 0.3240
Android (android.graphics.Color)	4294950852 (0xFFFFBFC4)
YUV	210.7060, -7.2501, 38.8458
Hunter-Lab	79.0614, 19.3107, 9.8910

Details

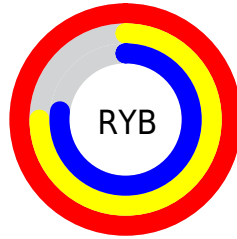
The RYB color **255, 191, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 224, 255**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 248, 253**, and **197, 137, 142** is the 20% darker color. If you saturate the color by 10%, you get **255, 166, 172**, and if you desaturate by 10%, it is **255, 217, 220**.

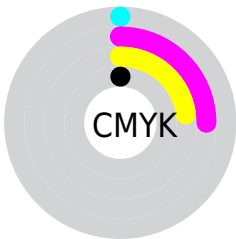
Distribution



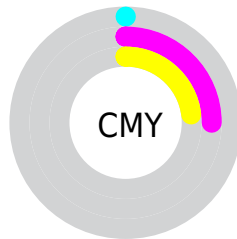
- Red (100%)
- Green (75%)
- Blue (77%)



- Red (100%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 191, 196 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, 191, 196 by changing the saturation by 10% instead.


 255, 191, 196

 255, 191, 196

255, 255, 255

 226, 164, 169

 255, 248, 253

 197, 137, 142

 169, 111, 117

 142, 87, 92

 115, 63, 69

 90, 40, 47

 65, 17, 26

 43, 0, 0

 0, 0, 0

■ 255, 191, 196

■ 255, 191, 196

■ 255, 166, 172

■ 255, 217, 220

■ 255, 140, 149

■ 255, 242, 243

■ 255, 115, 125

255, 255, 255

■ 255, 89, 102

■ 255, 64, 78

■ 255, 38, 55

■ 255, 13, 31

■ 255, 0, 20

Harmonies

Analogous

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



246, 192, 220



255, 191, 196



251, 202, 175

Triad

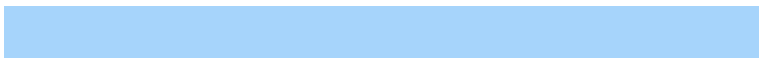
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 191, 196



174, 216, 204



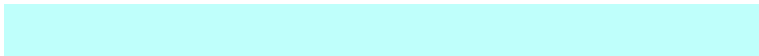
166, 196, 251

Complementary

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



255, 191, 196



191, 224, 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.



146, 187, 239



255, 191, 196



161, 198, 220

Square

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



255, 191, 196



166, 212, 163



145, 183, 220



196, 204, 251

Rectangle

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



255, 191, 196



241, 225, 166



145, 183, 220



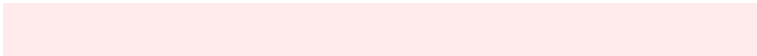
157, 192, 248

Sweetspot

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



255, 191, 196



255, 235, 236



250, 191, 255



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



255, 191, 196



255, 179, 184



255, 238, 191



128, 115, 116



191, 0, 15



64, 0, 5

Inverse Universe

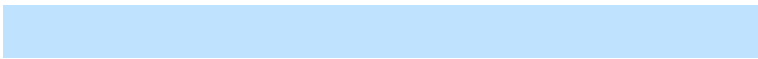
The Inverse Universe completely reimagines the original color for something new.



255, 191, 196



255, 179, 184



191, 214, 255



128, 115, 116



191, 0, 15



64, 0, 5

Previews

White Background



This preview shows how the RYB color 255, 191, 196 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, 191, 196 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, 191, 196 Background



This preview shows how black text looks on a background with the RYB color 255, 191, 196.

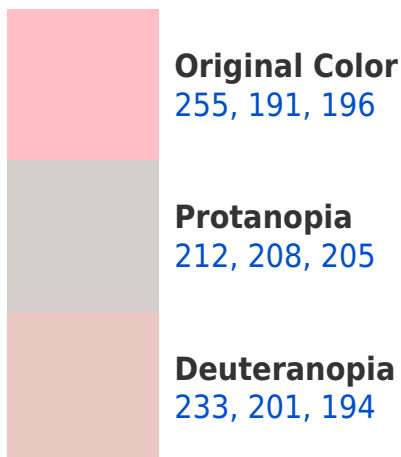



This preview shows how white text looks on a background with the RYB color 255, 191, 196.

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](#).

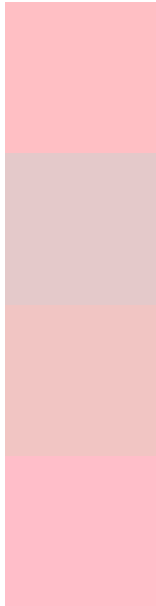
Dichromacy





Tritanopia
255, 190, 204

Trichromacy



Original Color
255, 191, 196

Protanomaly
228, 201, 202

Deuteranomaly
241, 197, 195

Tritanomaly
255, 190, 201

Monochromacy



Original Color
255, 191, 196

Achromatopsia
211, 211, 211

Achromatomaly
227, 204, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 191, 196 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 196) }
```

Border

The CSS property to change the border of an element to RYB 255, 191, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

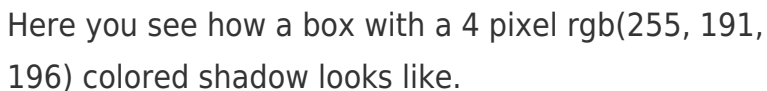
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 191, 196) }
```

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

```
.border{ border-color:rgb(255, 191, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 196); box-shadow:4px 4px 4px 4px rgb(255, 191, 196) }
```

Background

The CSS property to change the background color of an element to RGB 255, 191, 196 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
191, 196) }
```

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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