

Converting Colors

`RYB(255, 200, 203)`

Have a look what the booklet for
RYB(255, 200, 203) contains.

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Color

R_YB(255, 200, 203)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8CB
RGB	255, 200, 203
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2157, 0.2039
CMYK	0.00, 0.22, 0.20, 0.00
HSL	357°, 100%, 89%
HSV	357°, 22%, 100%
XYZ	72.6738, 66.8804, 65.5788
YIQ	216.7870, 31.8170, 12.5930

Conversions

Conversions Part 2

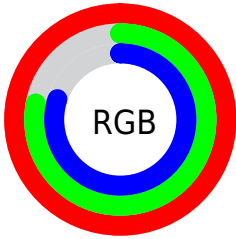
Format	Color
R _Y B	255, 200, 203
Decimal	16763083
CIE Lab	85.44, 19.95, 6.00
CIE LCh	85, 20.837, 16.741
Yxy	66.8804, 0.3543, 0.3260
Android (android.graphics.Color)	4294953163 (0xFFFFC8CB)
YUV	216.7870, -6.7970, 33.5128
Hunter-Lab	81.7804, 15.5075, 9.7023

Details

The RYB color **255, 200, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 228, 255**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **197, 146, 149** is the 20% darker color. If you saturate the color by 10%, you get **255, 175, 179**, and if you desaturate by 10%, it is **255, 226, 227**.

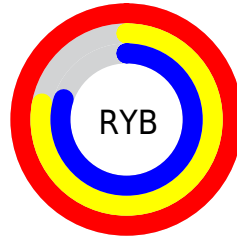
Distribution



Red (100%)

Green (78%)

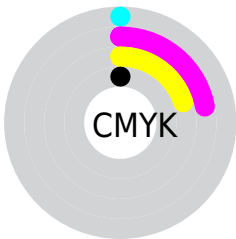
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

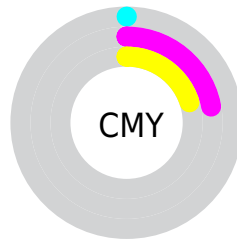


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 200, 203 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, 200, 203 by changing the saturation by 10% instead.


 255, 200, 203

255, 255, 255

 255, 200, 203


 226, 173, 176

 197, 146, 149

 170, 120, 123

 143, 95, 98

 116, 71, 75

 91, 48, 52


 66, 26, 31

 43, 3, 6

 1, 0, 0

 255, 200, 203

 255, 200, 203

 255, 175, 179

 255, 226, 227

 255, 149, 155

 255, 251, 251

 255, 123, 131

255, 255, 255

 255, 98, 107

 255, 73, 82

 255, 47, 58

 255, 22, 34

 255, 0, 14

Harmonies

Analogous

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



248, 201, 223



255, 200, 203



251, 209, 186

Triad

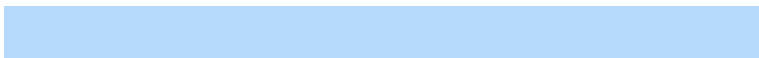
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 200, 203



186, 221, 212



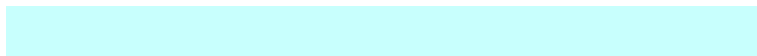
181, 205, 251

Complementary

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



255, 200, 203



200, 228, 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.



164, 197, 241



255, 200, 203



174, 205, 224

Square

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



255, 200, 203



177, 217, 176



162, 194, 225



206, 211, 251

Rectangle

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



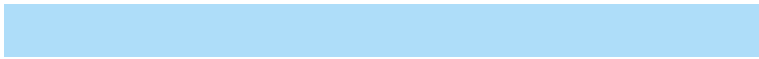
255, 200, 203



243, 230, 178



162, 194, 225



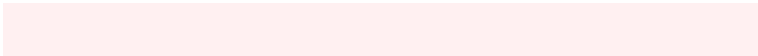
174, 203, 249

Sweetspot

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



255, 200, 203



255, 240, 241



251, 200, 255



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 200, 203



255, 189, 192



255, 243, 200



128, 115, 115



191, 0, 10



64, 0, 3

Inverse Universe

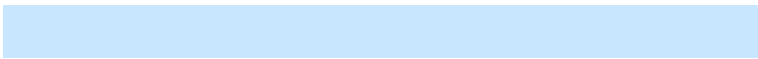
The Inverse Universe completely reimagines the original color for something new.



255, 200, 203



255, 189, 192



200, 220, 255



128, 115, 115



191, 0, 10



64, 0, 3

Previews

White Background



This preview shows how the RYB color 255, 200, 203 looks on a white background.

Color Contrast Check

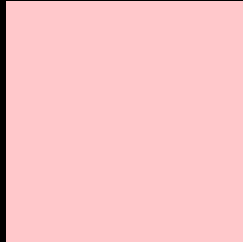
Large Text (above 18pt) WCAG AA × Fail

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, 200, 203 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, 200, 203 Background



This preview shows how black text looks on a background with the RYB color 255, 200, 203.



This preview shows how white text looks on a background with the RYB color 255, 200, 203.

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, 200, 203

Protanopia
218, 215, 210

Deuteranopia
239, 206, 202



Tritanopia
255, 199, 214

Trichromacy



Original Color

255, 200, 203

Protanomaly

231, 208, 207

Deuteranomaly

245, 204, 202

Tritanomaly

255, 199, 210

Monochromacy



Original Color

255, 200, 203

Achromatopsia

217, 217, 217

Achromatomaly

231, 211, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 200, 203 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, 200, 203) looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 203)  
}
```

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, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 203) }
```

Border

The CSS property to change the border of an element to RYB 255, 200, 203 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, 200, 203) }
```

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

```
.border{ border-color:rgb(255, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 203); box-shadow:4px 4px 4px 4px rgb(255, 200, 203) }
```

Background

The CSS property to change the background color of an element to RYB 255, 200, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 203) }
```

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

```
.background{ background-color: rgb(255,  
200, 203) }
```

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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