

Converting Colors

`RYB(255, 200, 204)`

Have a look what the booklet for
RYB(255, 200, 204) contains.

RYB(255, 200, 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

R_YB(255, 200, 204)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8CC
RGB	255, 200, 204
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2157, 0.2000
CMYK	0.00, 0.22, 0.20, 0.00
HSL	356°, 100%, 89%
HSV	356°, 22%, 100%
XYZ	72.7934, 66.9282, 66.2085
YIQ	216.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

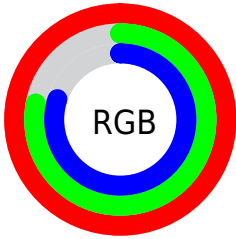
Format	Color
R _Y B	255, 200, 204
Decimal	16763084
CIE Lab	85.47, 20.10, 5.50
CIE LCh	85, 20.841, 15.315
Yxy	66.9282, 0.3535, 0.3250
Android (android.graphics.Color)	4294953164 (0xFFFFC8CC)
YUV	216.9010, -6.3602, 33.4128
Hunter-Lab	81.8096, 15.6605, 9.2834

Details

The RYB color **255, 200, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 229, 255**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 146, 150** is the 20% darker color. If you saturate the color by 10%, you get **255, 175, 180**, and if you desaturate by 10%, it is **255, 226, 228**.

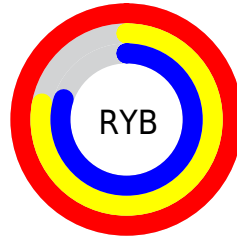
Distribution



Red (100%)

Green (78%)

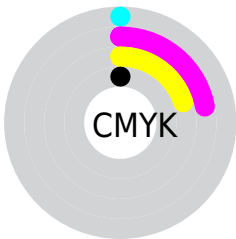
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

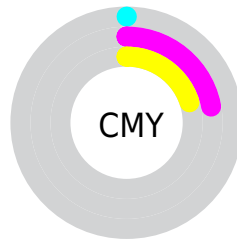


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 200, 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 RYB color 255, 200, 204 by changing the saturation by 10% instead.


 255, 200, 204

255, 255, 255

 255, 200, 204


 226, 173, 177

 198, 146, 150

 170, 120, 124


 143, 95, 99

 116, 71, 75

 91, 48, 53

 66, 26, 32

 43, 3, 7

 1, 0, 0

■ 255, 200, 204

■ 255, 200, 204

■ 255, 175, 180

■ 255, 226, 228

■ 255, 149, 157

■ 255, 251, 251

■ 255, 123, 133

255, 255, 255

■ 255, 98, 109

■ 255, 73, 86

■ 255, 47, 62

■ 255, 22, 38

■ 255, 0, 19

Harmonies

Analogous

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



247, 201, 224



255, 200, 204



251, 209, 186

Triad

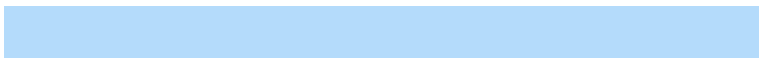
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 200, 204



185, 221, 210



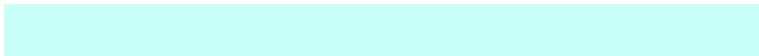
180, 205, 251

Complementary

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



255, 200, 204



200, 229, 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.



163, 197, 241



255, 200, 204



175, 206, 224

Square

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



255, 200, 204



179, 218, 176



162, 194, 225



205, 211, 251

Rectangle

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



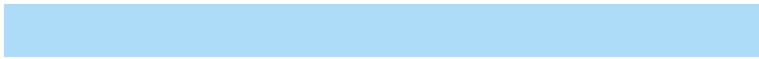
255, 200, 204



244, 230, 178



162, 194, 225



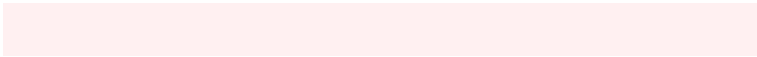
173, 202, 249

Sweetspot

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



255, 200, 204



255, 240, 241



250, 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, 204



255, 189, 194



255, 240, 200



128, 115, 116



191, 0, 14



64, 0, 5

Inverse Universe

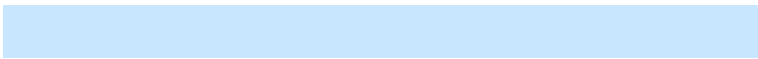
The Inverse Universe completely reimagines the original color for something new.



255, 200, 204



255, 189, 194



200, 220, 255



128, 115, 116



191, 0, 14



64, 0, 5

Previews

White Background



This preview shows how the RYB color 255, 200, 204 looks on a white background.

Color Contrast Check

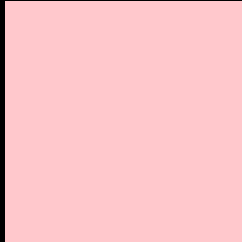
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 200, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

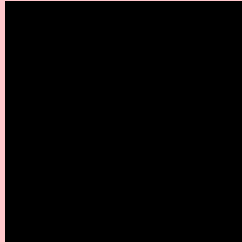
Any Text WCAG AA ✓ Pass

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](#).

RYB 255, 200, 204 Background



This preview shows how black text looks on a background with the RYB color 255, 200, 204.



This preview shows how white text looks on a background with the RYB color 255, 200, 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, 200, 204

Protanopia
218, 214, 211

Deuteranopia
239, 208, 203



Tritanopia
255, 199, 214

Trichromacy



Original Color

255, 200, 204

Protanomaly

231, 208, 208

Deuteranomaly

245, 204, 203

Tritanomaly

255, 199, 210

Monochromacy



Original Color

255, 200, 204

Achromatopsia

217, 217, 217

Achromatomaly

231, 211, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 200, 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, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 204) }
```

Border

The CSS property to change the border of an element to RYB 255, 200, 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, 200, 204) }
```

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

```
.border{ border-color:rgb(255, 200, 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, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 255, 200, 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, 200, 204) }
```

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

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