

Converting Colors

`RYB(255, 178, 210)`

Have a look what the booklet for
RYB(255, 178, 210) contains.

RYB(255, 178, 210)	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, 178, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2D2
RGB	255, 178, 210
RGB Percent	100%, 70%, 82%
CMY	0.0000, 0.3020, 0.1765
CMYK	0.00, 0.30, 0.18, 0.00
HSL	335°, 100%, 85%
HSV	335°, 30%, 100%
XYZ	68.7933, 57.7539, 68.4946
YIQ	204.6710, 35.6200, 26.2760

Conversions

Conversions Part 2

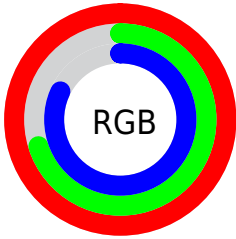
Format	Color
R_{YB}	255, 178, 210
Decimal	16757458
CIE _{Lab}	80.60, 32.54, -4.81
CIE _{LCh}	81, 32.891, 351.586
Yxy	57.7539, 0.3527, 0.2961
Android (android.graphics.Color)	4294947538 (0xFFFFB2D2)
YUV	204.6710, 2.6272, 44.1385
Hunter-Lab	75.9960, 28.5891, -0.2404

Details

The RYB color **255, 178, 210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **178, 227, 255**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 234, 255**, and **197, 124, 156** is the 20% darker color. If you saturate the color by 10%, you get **255, 152, 195**, and if you desaturate by 10%, it is **255, 203, 225**.

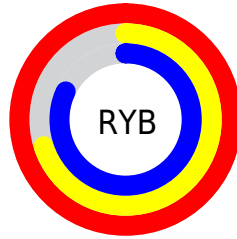
Distribution



Red (100%)

Green (70%)

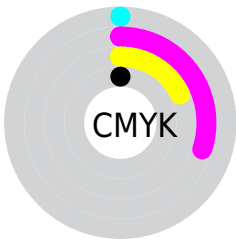
Blue (82%)



Red (100%)

Yellow (70%)

Blue (82%)

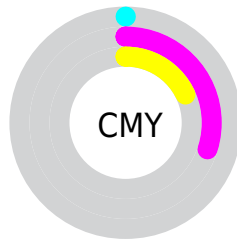


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 178, 210 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, 178, 210 by changing the saturation by 10% instead.


 255, 178, 210

 255, 178, 210

255, 255, 255

 226, 151, 182

 255, 234, 255

 197, 124, 156

 169, 99, 130

 142, 74, 104

 115, 50, 80

 89, 25, 57

 64, 0, 36

 44, 0, 15

 0, 0, 0

■ 255, 178, 210

■ 255, 178, 210

■ 255, 152, 195

■ 255, 203, 225

■ 255, 127, 180

■ 255, 229, 240

■ 255, 101, 165

255, 255, 255

■ 255, 76, 150

■ 255, 50, 135

■ 255, 25, 121

■ 255, 0, 106

Harmonies

Analogous

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



231, 185, 239



255, 178, 210



255, 178, 179

Triad

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



255, 178, 210



142, 205, 148



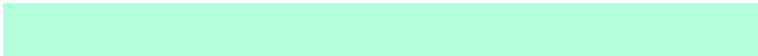
111, 169, 247

Complementary

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



255, 178, 210



178, 227, 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.



105, 162, 222



255, 178, 210



161, 213, 210

Square

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



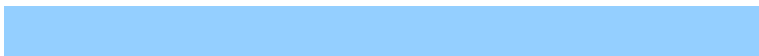
255, 178, 210



196, 230, 139



129, 181, 217



148, 186, 255

Rectangle

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



255, 178, 210



255, 188, 161



129, 181, 217



105, 166, 240

Sweetspot

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



255, 178, 210



255, 232, 242



223, 178, 255



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 178, 210



255, 163, 201



255, 185, 178



128, 115, 120



191, 0, 79



64, 0, 26

Inverse Universe

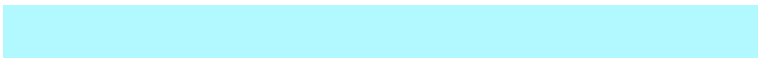
The Inverse Universe completely reimagines the original color for something new.



255, 178, 210



255, 163, 201



178, 215, 255



128, 115, 120



191, 0, 79



64, 0, 26

Previews

White Background



This preview shows how the RYB color 255, 178, 210 looks on a white background.

Color Contrast Check

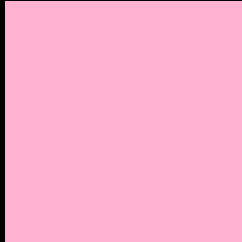
Large Text (above 18pt) WCAG AA × Fail

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, 178, 210 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, 178, 210 Background



This preview shows how black text looks on a background with the RYB color 255, 178, 210.



This preview shows how white text looks on a background with the RYB color 255, 178, 210.

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, 178, 210

Protanopia
197, 199, 223

Deuteranopia
217, 194, 207



Tritanopia
253, 181, 194

Trichromacy



Original Color

255, 178, 210



Protanomaly

218, 191, 218



Deuteranomaly

231, 188, 208



Tritanomaly

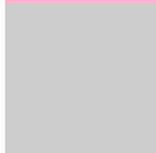
254, 180, 200

Monochromacy



Original Color

255, 178, 210



Achromatopsia

205, 205, 205



Achromatomaly

223, 195, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 178, 210 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, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 210)  
}
```

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, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 210) }
```

Border

The CSS property to change the border of an element to RYB 255, 178, 210 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, 178, 210) }
```

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

```
.border{ border-color:rgb(255, 178, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 255, 178, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 210) }
```

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

```
.background{ background-color: rgb(255,  
178, 210) }
```

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