

Converting Colors

`RYB(255, 186, 217)`

Have a look what the booklet for
RYB(255, 186, 217) contains.

RYB(255, 186, 217)	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

`RYB(255, 186, 217)`

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD9
RGB	255, 186, 217
RGB Percent	100%, 73%, 85%
CMY	0.0000, 0.2706, 0.1490
CMYK	0.00, 0.27, 0.15, 0.00
HSL	333°, 100%, 86%
HSV	333°, 27%, 100%
XYZ	71.3233, 61.3876, 73.7355
YIQ	210.1650, 31.1730, 24.2690

Conversions

Conversions Part 2

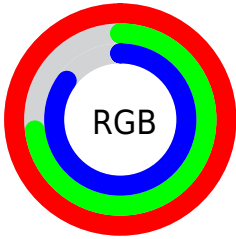
Format	Color
R _Y B	255, 186, 217
Decimal	16759513
CIE Lab	82.59, 29.42, -5.65
CIE LCh	83, 29.957, 349.120
Yxy	61.3876, 0.3455, 0.2974
Android (android.graphics.Color)	4294949593 (0xFFFFBAD9)
YUV	210.1650, 3.3697, 39.3203
Hunter-Lab	78.3502, 25.3781, -0.9527

Details

The RYB color **255, 186, 217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 230, 255**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 243, 255**, and **197, 132, 162** is the 20% darker color. If you saturate the color by 10%, you get **255, 161, 203**, and if you desaturate by 10%, it is **255, 211, 231**.

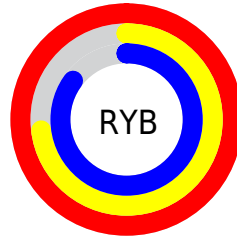
Distribution



Red (100%)

Green (73%)

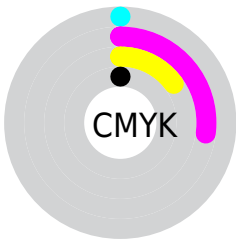
Blue (85%)



Red (100%)

Yellow (73%)

Blue (85%)

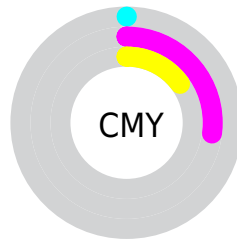


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 186, 217 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, 186, 217 by changing the saturation by 10% instead.


 255, 186, 217

255, 255, 255

 255, 243, 255

 255, 186, 217

 226, 159, 189

 197, 132, 162

 170, 106, 136

 142, 82, 111

 116, 57, 86

 90, 34, 63

 65, 9, 41

 43, 0, 21

 0, 0, 0

■ 255, 186, 217

■ 255, 186, 217

■ 255, 161, 203

■ 255, 211, 231

■ 255, 135, 189

■ 255, 237, 245

■ 255, 109, 175

255, 255, 255

■ 255, 84, 161

■ 255, 58, 147

■ 255, 33, 133

■ 255, 8, 119

■ 255, 0, 115

Harmonies

Analogous

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



232, 192, 243



255, 186, 217



255, 186, 188

Triad

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



255, 186, 217



152, 209, 154



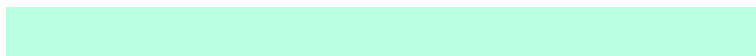
127, 179, 247

Complementary

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



255, 186, 217



186, 230, 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.



123, 172, 223



255, 186, 217



168, 217, 210

Square

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



255, 186, 217



213, 236, 151



144, 191, 221



156, 191, 255

Rectangle

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



255, 186, 217



255, 194, 171



144, 191, 221



122, 175, 240

Sweetspot

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



255, 186, 217



255, 235, 244



224, 186, 255



128, 115, 120



0, 0, 0



128, 128, 128

Same Dimension

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



255, 186, 217



255, 173, 210



255, 189, 186



128, 115, 120



191, 0, 86



64, 0, 29

Inverse Universe

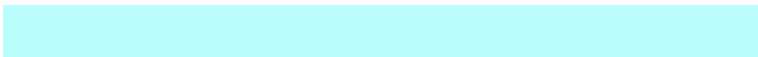
The Inverse Universe completely reimagines the original color for something new.



255, 186, 217



255, 173, 210



186, 220, 255



128, 115, 120



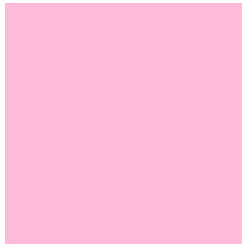
191, 0, 86



64, 0, 29

Previews

White Background



This preview shows how the RYB color 255, 186, 217 looks on a white background.

Color Contrast Check

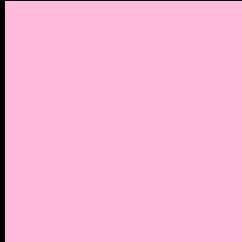
Large Text (above 18pt) WCAG AA × Fail

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, 186, 217 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, 186, 217 Background



This preview shows how black text looks on a background with the RYB color 255, 186, 217.

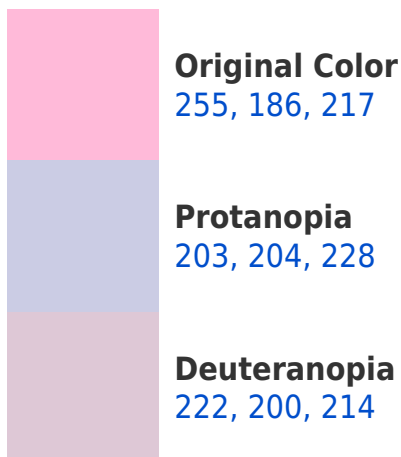



This preview shows how white text looks on a background with the RYB color 255, 186, 217.

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
253, 188, 203

Trichromacy



Original Color

255, 186, 217



Protanomaly

222, 197, 224



Deuteranomaly

234, 195, 215



Tritanomaly

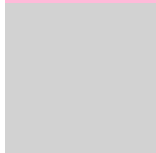
254, 187, 208

Monochromacy



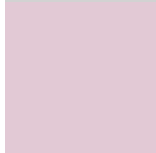
Original Color

255, 186, 217



Achromatopsia

210, 210, 210



Achromatomaly

226, 201, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 186, 217 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, 186, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 217)  
}
```

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, 186, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 217) }
```

Border

The CSS property to change the border of an element to RYB 255, 186, 217 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, 186, 217) }
```

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

```
.border{ border-color:rgb(255, 186, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 217); box-shadow:4px 4px 4px 4px rgb(255, 186, 217) }
```

Background

The CSS property to change the background color of an element to RYB 255, 186, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 217) }
```

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

```
.background{ background-color: rgb(255,  
186, 217) }
```

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