

Converting Colors

`RYB(251, 185, 212)`

Have a look what the booklet for
RYB(251, 185, 212) contains.

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Color

R_YB(251, 185, 212)

Conversions

Conversions Part 1

Format	Color
Hex	FBB9D4
RGB	251, 185, 212
RGB Percent	98%, 73%, 83%
CMY	0.0157, 0.2745, 0.1686
CMYK	0.00, 0.26, 0.16, 0.02
HSL	335°, 89%, 85%
HSV	335°, 26%, 98%
XYZ	69.0163, 59.9606, 70.2234
YIQ	207.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

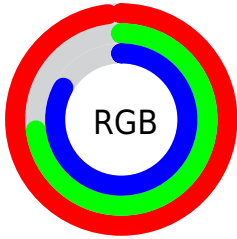
Format	Color
R _Y B	251, 185, 212
Decimal	16497108
CIE Lab	81.82, 27.78, -4.15
CIE LCh	82, 28.092, 351.509
Yxy	59.9606, 0.3465, 0.3010
Android (android.graphics.Color)	4294687188 (0xFFFBB9D4)
YUV	207.8120, 2.0647, 37.8759
Hunter-Lab	77.4342, 23.5852, 0.4352

Details

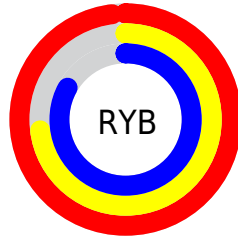
The RYB color **251, 185, 212** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 226, 251**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 241, 255**, and **194, 131, 157** is the 20% darker color. If you saturate the color by 10%, you get **251, 160, 197**, and if you desaturate by 10%, it is **251, 210, 227**.

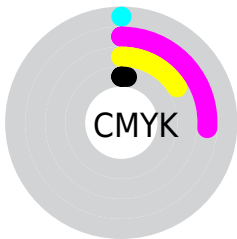
Distribution



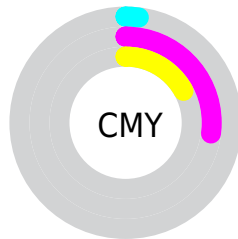
- Red (98%)
- Green (73%)
- Blue (83%)



- Red (98%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 185, 212 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 251, 185, 212 by changing the saturation by 10% instead.

 251, 185, 212

255, 255, 255

 255, 241, 255

 251, 185, 212

 222, 158, 184

 194, 131, 157

 166, 106, 131

 139, 81, 106

 112, 57, 82

 87, 34, 59

 62, 10, 37

 41, 0, 17

 0, 0, 0

■ 251, 185, 212

■ 251, 185, 212

■ 251, 160, 197

■ 251, 210, 227

■ 251, 135, 182

■ 251, 235, 242

■ 251, 110, 168

■ 251, 253, 255

■ 251, 85, 153

■ 251, 60, 138

■ 251, 34, 123

■ 251, 9, 108

■ 251, 0, 103

Harmonies

Analogous

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



230, 191, 236



251, 185, 212



255, 185, 185

Triad

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



251, 185, 212



154, 208, 159



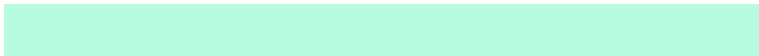
133, 180, 244

Complementary

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



251, 185, 212



185, 226, 251

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.



127, 173, 222



251, 185, 212



170, 214, 211

Square

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



251, 185, 212



203, 230, 152



145, 188, 218



161, 192, 255

Rectangle

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



251, 185, 212



253, 193, 170



145, 188, 218



128, 177, 237

Sweetspot

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



251, 185, 212



255, 235, 243



223, 185, 251



128, 115, 120



0, 0, 0



128, 128, 128

Same Dimension

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



251, 185, 212



255, 173, 207



251, 190, 185



125, 112, 118



189, 0, 77



61, 0, 25

Inverse Universe

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



251, 185, 212



255, 173, 207



185, 217, 251



125, 112, 118



189, 0, 77



61, 0, 25

Previews

White Background



This preview shows how the RYB color 251, 185, 212 looks on a white background.

Color Contrast Check

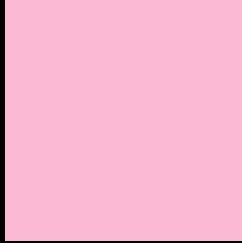
Large Text (above 18pt) WCAG AA × Fail

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 251, 185, 212 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 251, 185, 212 Background



This preview shows how black text looks on a background with the RYB color 251, 185, 212.




This preview shows how white text looks on a background with the RYB color 251, 185, 212.

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





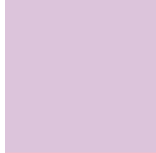
Tritanopia
250, 187, 201

Trichromacy



Original Color

251, 185, 212



Protanomaly

220, 196, 219



Deuteranomaly

232, 193, 211



Tritanomaly

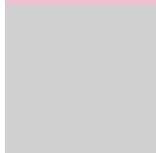
250, 186, 205

Monochromacy



Original Color

251, 185, 212



Achromatopsia

208, 208, 208



Achromatomaly

224, 200, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 185, 212 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(251, 185, 212) looks like.

```
.text, #text, p{  
    color:rgb(251, 185, 212)  
}
```

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(251, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 185, 212) }
```

Border

The CSS property to change the border of an element to RYB 251, 185, 212 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(251, 185, 212) }
```

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

```
.border{ border-color:rgb(251, 185, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 185,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 251, 185, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 185, 212) }
```

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

```
.background{ background-color: rgb(251,  
185, 212) }
```

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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