

Converting Colors

`RYB(249, 197, 222)`

Have a look what the booklet for RYB(249, 197, 222) contains.

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Color

R_YB(249, 197, 222)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5DE
RGB	249, 197, 222
RGB Percent	98%, 77%, 87%
CMY	0.0235, 0.2275, 0.1294
CMYK	0.00, 0.21, 0.11, 0.02
HSL	331°, 81%, 87%
HSV	331°, 21%, 98%
XYZ	72.2180, 65.3462, 77.9140
YIQ	215.3980, 22.9670, 18.7990

Conversions

Conversions Part 2

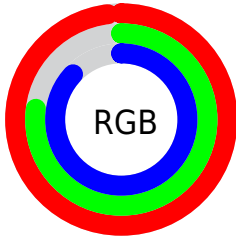
Format	Color
R _Y B	249, 197, 222
Decimal	16369118
CIE Lab	84.66, 22.37, -5.33
CIE LCh	85, 22.993, 346.588
Yxy	65.3462, 0.3352, 0.3033
Android (android.graphics.Color)	4294559198 (0xFFF9C5DE)
YUV	215.3980, 3.2548, 29.4690
Hunter-Lab	80.8370, 18.0033, -0.5603

Details

The RYB color **249, 197, 222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 231, 249**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 254, 255**, and **192, 143, 167** is the 20% darker color. If you saturate the color by 10%, you get **249, 172, 209**, and if you desaturate by 10%, it is **249, 222, 235**.

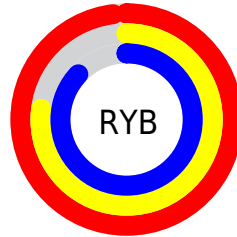
Distribution



Red (98%)

Green (77%)

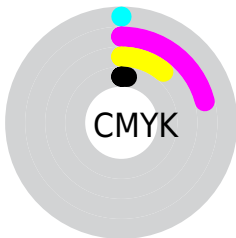
Blue (87%)



Red (98%)

Yellow (77%)

Blue (87%)

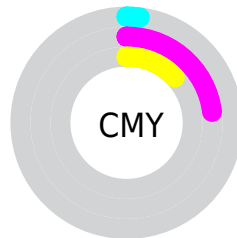


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 197, 222 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 249, 197, 222 by changing the saturation by 10% instead.

 249, 197, 222

 249, 197, 222

255, 255, 255

 220, 170, 194

255, 254, 255

 192, 143, 167

 165, 117, 141

 138, 92, 115

 112, 68, 91

 87, 45, 67


 63, 23, 45

 40, 0, 24

 0, 0, 0

 249, 197, 222


 249, 197, 222

 249, 172, 209


 249, 222, 235


 249, 147, 196

 249, 247, 248


 249, 122, 183

 249, 252, 255

 249, 97, 170

 249, 72, 157

 249, 48, 144

 249, 23, 131

 249, 0, 120

Harmonies

Analogous

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



230, 202, 241



249, 197, 222



255, 196, 200

Triad

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



249, 197, 222



171, 215, 170



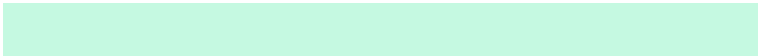
155, 193, 242

Complementary

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



249, 197, 222



197, 231, 249

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.



153, 189, 224



249, 197, 222



181, 220, 210

Square

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



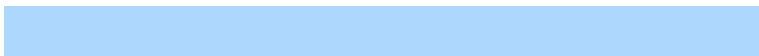
249, 197, 222



224, 237, 170



168, 202, 223



174, 201, 253

Rectangle

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



249, 197, 222



255, 201, 186



168, 202, 223



153, 191, 236

Sweetspot

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



249, 197, 222



255, 240, 247



224, 197, 249



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



249, 197, 222



255, 191, 222



249, 198, 197



125, 112, 118



189, 0, 91



61, 0, 29

Inverse Universe

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



249, 197, 222



255, 191, 222



197, 223, 249



125, 112, 118



189, 0, 91



61, 0, 29

Previews

White Background



This preview shows how the RYB color 249, 197, 222 looks on a white background.

Color Contrast Check

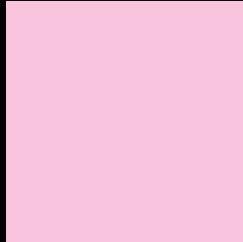
Large Text (above 18pt) WCAG AA × Fail

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 249, 197, 222 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 249, 197, 222 Background



This preview shows how black text looks on a background with the RYB color 249, 197, 222.



This preview shows how white text looks on a background with the RYB color 249, 197, 222.

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
249, 197, 222

Protanopia
210, 210, 230

Deuteranopia
228, 205, 220



Tritanopia
248, 198, 214

Trichromacy



Original Color

249, 197, 222

Protanomaly

224, 205, 227

Deuteranomaly

236, 202, 221

Tritanomaly

248, 198, 217

Monochromacy



Original Color

249, 197, 222

Achromatopsia

215, 215, 215

Achromatomaly

227, 208, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 197, 222 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(249, 197, 222) looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 222)  
}
```

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(249, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 222) }
```

Border

The CSS property to change the border of an element to RYB 249, 197, 222 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(249, 197, 222) }
```

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

```
.border{ border-color:rgb(249, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 249, 197, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 222) }
```

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

```
.background{ background-color: rgb(249,  
197, 222) }
```

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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