

Converting Colors

RGB(255, 205, 242)

Have a look what the booklet for
RGB(255, 205, 242) contains.

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Color

RGB(255, 205, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF2
RGB	255, 205, 242
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.1961, 0.0510
CMYK	0.00, 0.20, 0.05, 0.00
HSL	316°, 100%, 90%
HSV	316°, 20%, 100%
XYZ	79.0983, 71.3334, 93.6042
YIQ	224.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

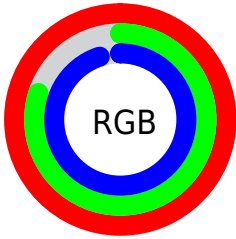
Format	Color
R _{YB}	255, 205, 242
Decimal	16764402
CIE Lab	87.65, 23.55, -11.47
CIE LCh	88, 26.196, 334.036
Yxy	71.3334, 0.3241, 0.2923
Android (android.graphics.Color)	4294954482 (0xFFFFCDF2)
YUV	224.1680, 8.7912, 27.0397
Hunter-Lab	84.4591, 19.3668, -6.5884

Details

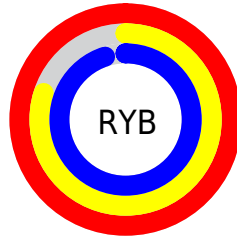
The RGB color **255, 205, 242** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **205, 255, 218**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 150, 186** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 235**, and if you desaturate by 10%, it is **255, 231, 249**.

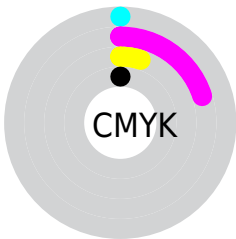
Distribution



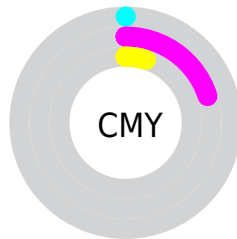
- Red (100%)
- Green (80%)
- Blue (95%)



- Red (100%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 205, 242 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 RGB color 255, 205, 242 by changing the saturation by 10% instead.


 255, 205, 242


 255, 205, 242

255, 255, 255


 226, 177, 214


 198, 150, 186

 170, 124, 159

 143, 99, 133

 117, 75, 107

 92, 52, 83

 68, 29, 60

 45, 7, 38

 22, 0, 17

 255, 205, 242

 255, 205, 242

 255, 179, 235


 255, 231, 249


 255, 154, 229


255, 255, 255

 255, 129, 222

 255, 103, 215

 255, 78, 209

 255, 52, 202

 255, 26, 196

 255, 1, 189

 255, 0, 189

Harmonies

Analogous

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



228, 212, 255



255, 205, 242



255, 202, 217

Triad

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



255, 205, 242



235, 219, 170



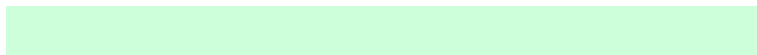
150, 233, 247

Complementary

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



255, 205, 242



205, 255, 218

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.



157, 234, 222



255, 205, 242



208, 227, 178

Square

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



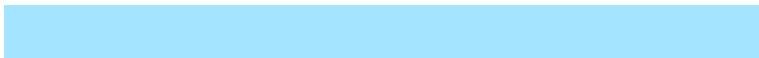
255, 205, 242



255, 211, 176



180, 232, 197



165, 228, 255

Rectangle

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



255, 205, 242



255, 203, 201



180, 232, 197



150, 234, 239

Sweetspot

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



255, 205, 242



255, 240, 251



218, 205, 255



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 205, 242



255, 194, 239



255, 205, 218



128, 115, 124



191, 0, 142



64, 0, 47

Inverse Universe

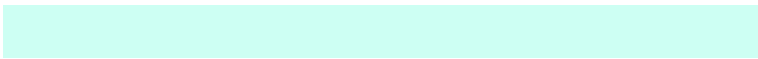
The Inverse Universe completely reimagines the original color for something new.



255, 205, 242



255, 194, 239



205, 255, 243



128, 115, 124



191, 0, 142



64, 0, 47

Previews

White Background



This preview shows how the RGB color 255, 205, 242 looks on a white background.

Color Contrast Check

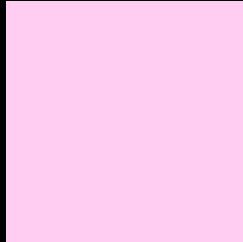
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 205, 242 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](#).

RGB 255, 205, 242 Background



This preview shows how black text looks on a background with the RGB color 255, 205, 242.



This preview shows how white text looks on a background with the RGB color 255, 205, 242.

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, 205, 242

Protanopia
215, 218, 250

Deuteranopia
232, 214, 240



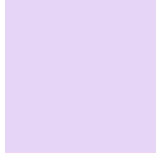
Tritanopia
253, 208, 224

Trichromacy



Original Color

255, 205, 242



Protanomaly

230, 213, 247



Deuteranomaly

240, 211, 241



Tritanomaly

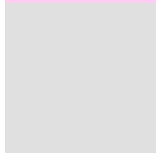
254, 207, 231

Monochromacy



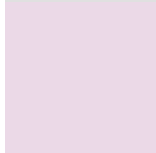
Original Color

255, 205, 242



Achromatopsia

224, 224, 224



Achromatomaly

235, 217, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 205, 242 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, 205, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 242)  
}
```

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, 205, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 242) }
```

Border

The CSS property to change the border of an element to RGB 255, 205, 242 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, 205, 242) }
```

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

```
.border{ border-color:rgb(255, 205, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 255, 205, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 242) }
```

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

```
.background{ background-color: rgb(255,  
205, 242) }
```

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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