

Converting Colors

RGB(255, 202, 238)

Have a look what the booklet for
RGB(255, 202, 238) contains.

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Color

RGB(255, 202, 238)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAEE
RGB	255, 202, 238
RGB Percent	100%, 79%, 93%
CMY	0.0000, 0.2078, 0.0667
CMYK	0.00, 0.21, 0.07, 0.00
HSL	319°, 100%, 90%
HSV	319°, 21%, 100%
XYZ	77.7931, 69.6741, 90.2372
YIQ	221.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

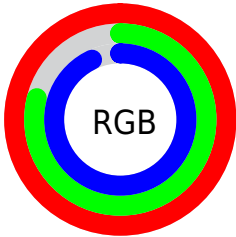
Format	Color
R _Y B	255, 202, 238
Decimal	16763630
CIE Lab	86.84, 24.44, -10.56
CIE LCh	87, 26.624, 336.639
Yxy	69.6741, 0.3273, 0.2931
Android (android.graphics.Color)	4294953710 (0xFFFFCAEE)
YUV	221.9510, 7.9122, 28.9840
Hunter-Lab	83.4710, 20.2838, -5.6664

Details

The RGB color **255, 202, 238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **202, 255, 219**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 148, 182** is the 20% darker color. If you saturate the color by 10%, you get **255, 177, 230**, and if you desaturate by 10%, it is **255, 227, 246**.

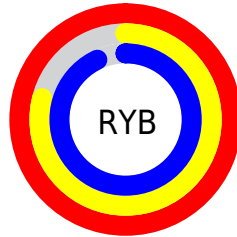
Distribution



Red (100%)

Green (79%)

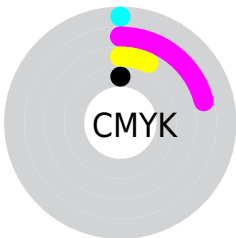
Blue (93%)



Red (100%)

Yellow (79%)

Blue (93%)

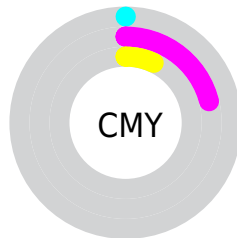


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 202, 238 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, 202, 238 by changing the saturation by 10% instead.


 255, 202, 238

255, 255, 255

 255, 202, 238

 226, 174, 210

 198, 148, 182

 170, 122, 155

 143, 96, 129

 117, 72, 104

 92, 49, 80

 68, 26, 57

 44, 4, 35

 20, 0, 13

 255, 202, 238


 255, 202, 238

 255, 177, 230


 255, 227, 246


 255, 151, 222

 255, 253, 254


 255, 125, 213

 255, 255, 255

 255, 100, 205

 255, 75, 197

 255, 49, 189

 255, 24, 181

 255, 0, 173

Harmonies

Analogous

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



229, 209, 255



255, 202, 238



255, 199, 213

Triad

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



255, 202, 238



231, 218, 167



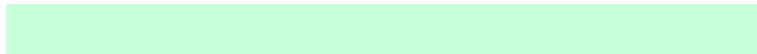
147, 230, 247

Complementary

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



255, 202, 238



202, 255, 219

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.



152, 232, 222



255, 202, 238



203, 225, 176

Square

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



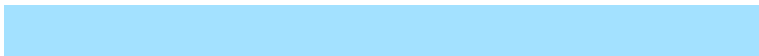
255, 202, 238



254, 209, 172



174, 230, 197



163, 225, 255

Rectangle

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



255, 202, 238



255, 201, 196



174, 230, 197



146, 231, 239

Sweetspot

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



255, 202, 238



255, 240, 250



219, 202, 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, 202, 238



255, 191, 235



255, 202, 212



128, 115, 123



191, 0, 130



64, 0, 43

Inverse Universe

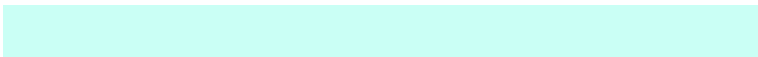
The Inverse Universe completely reimagines the original color for something new.



255, 202, 238



255, 191, 235



202, 255, 245



128, 115, 123



191, 0, 130



64, 0, 43

Previews

White Background



This preview shows how the RGB color 255, 202, 238 looks on a white background.

Color Contrast Check

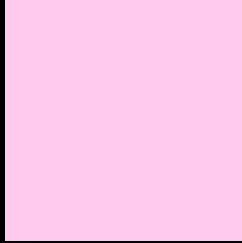
Large Text (above 18pt) WCAG AA × Fail

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, 202, 238 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, 202, 238 Background



This preview shows how black text looks on a background with the RGB color 255, 202, 238.



This preview shows how white text looks on a background with the RGB color 255, 202, 238.

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, 202, 238

Protanopia
213, 216, 247

Deuteranopia
230, 212, 236



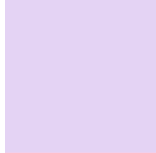
Tritanopia
253, 205, 221

Trichromacy



Original Color

255, 202, 238



Protanomaly

228, 211, 244



Deuteranomaly

239, 208, 237



Tritanomaly

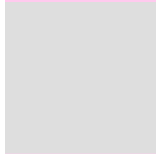
254, 204, 227

Monochromacy



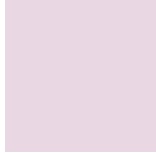
Original Color

255, 202, 238



Achromatopsia

222, 222, 222



Achromatomaly

234, 215, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 202, 238 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, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 238)  
}
```

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, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 238) }
```

Border

The CSS property to change the border of an element to RGB 255, 202, 238 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, 202, 238) }
```

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

```
.border{ border-color:rgb(255, 202, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 255, 202, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 238) }
```

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

```
.background{ background-color: rgb(255,  
202, 238) }
```

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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