

Converting Colors

RGB(255, 214, 240)

Have a look what the booklet for
RGB(255, 214, 240) contains.

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Color

RGB(255, 214, 240)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F0
RGB	255, 214, 240
RGB Percent	100%, 84%, 94%
CMY	0.0000, 0.1608, 0.0588
CMYK	0.00, 0.16, 0.06, 0.00
HSL	322°, 100%, 92%
HSV	322°, 16%, 100%
XYZ	81.0147, 75.6444, 92.7690
YIQ	229.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

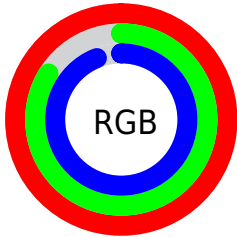
Format	Color
R _Y B	255, 214, 240
Decimal	16766704
CIE Lab	89.69, 18.50, -7.37
CIE LCh	90, 19.910, 338.270
Yxy	75.6444, 0.3248, 0.3033
Android (android.graphics.Color)	4294956784 (0xFFFFD6F0)
YUV	229.2230, 5.3131, 22.6064
Hunter-Lab	86.9738, 14.0659, -2.3589

Details

The RGB color **255, 214, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **214, 255, 229**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 159, 184** is the 20% darker color. If you saturate the color by 10%, you get **255, 189, 231**, and if you desaturate by 10%, it is 255, 240, 249.

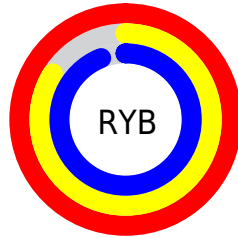
Distribution



Red (100%)

Green (84%)

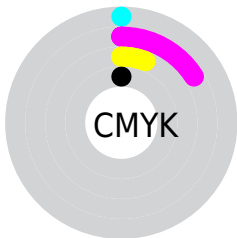
Blue (94%)



Red (100%)

Yellow (84%)

Blue (94%)

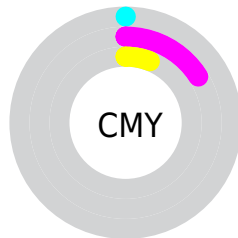


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 214, 240 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, 214, 240 by changing the saturation by 10% instead.

 255, 214, 240


 255, 214, 240

255, 255, 255

 226, 186, 212

 198, 159, 184

 171, 133, 157

 144, 107, 131

 118, 83, 106

 93, 60, 82


 69, 37, 59

 46, 16, 37

 27, 0, 16

 255, 214, 240


 255, 214, 240


 255, 189, 231

 255, 240, 249


 255, 163, 221


255, 255, 255


 255, 138, 212

 255, 112, 203

 255, 87, 193

 255, 61, 184

 255, 35, 175

 255, 10, 165

 255, 0, 162

Harmonies

Analogous

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



236, 219, 255



255, 214, 240



255, 212, 221

Triad

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



255, 214, 240



235, 226, 188



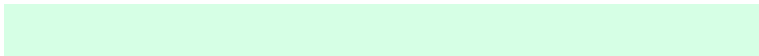
176, 235, 248

Complementary

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



255, 214, 240



214, 255, 229

Split Complementary

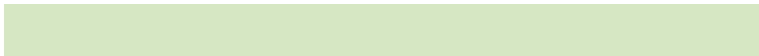
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178, 237, 230



255, 214, 240



214, 232, 195

Square

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



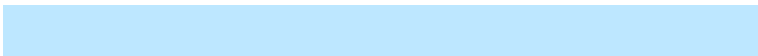
255, 214, 240



253, 220, 191



193, 235, 211



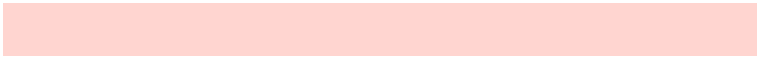
189, 231, 255

Rectangle

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



255, 214, 240



255, 213, 208



193, 235, 211



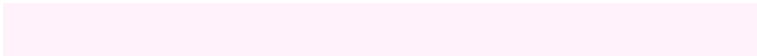
175, 236, 243

Sweetspot

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



255, 214, 240



255, 242, 250



228, 214, 255



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 214, 240



255, 207, 237



255, 214, 220



128, 115, 123



191, 0, 121



64, 0, 40

Inverse Universe

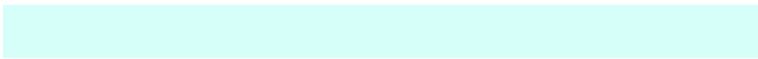
The Inverse Universe completely reimagines the original color for something new.



255, 214, 240



255, 207, 237



214, 255, 249



128, 115, 123



191, 0, 121



64, 0, 40

Previews

White Background



This preview shows how the RGB color 255, 214, 240 looks on a white background.

Color Contrast Check

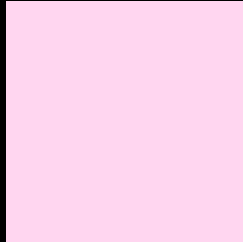
Large Text (above 18pt) WCAG AA × Fail

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, 214, 240 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, 214, 240 Background



This preview shows how black text looks on a background with the RGB color 255, 214, 240.



This preview shows how white text looks on a background with the RGB color 255, 214, 240.

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, 214, 240

Protanopia
224, 224, 246

Deuteranopia
242, 219, 239



Tritanopia

254, 215, 232

Trichromacy



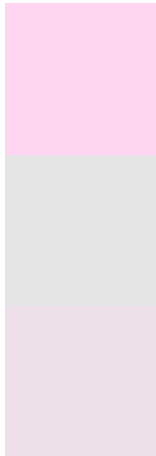
Original Color
255, 214, 240

Protanomaly
235, 220, 244

Deuteranomaly
247, 217, 239

Tritanomaly
254, 215, 235

Monochromacy



Original Color
255, 214, 240

Achromatopsia
229, 229, 229

Achromatomaly
238, 224, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 214, 240 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, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 240)  
}
```

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, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 240) }
```

Border

The CSS property to change the border of an element to RGB 255, 214, 240 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, 214, 240) }
```

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

```
.border{ border-color:rgb(255, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 255, 214, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 240) }
```

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

```
.background{ background-color: rgb(255,  
214, 240) }
```

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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