

Converting Colors

RGB(255, 204, 224)

Have a look what the booklet for
RGB(255, 204, 224) contains.

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Color

RGB(255, 204, 224)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE0
RGB	255, 204, 224
RGB Percent	100%, 80%, 88%
CMY	0.0000, 0.2000, 0.1216
CMYK	0.00, 0.20, 0.12, 0.00
HSL	336°, 100%, 90%
HSV	336°, 20%, 100%
XYZ	76.2874, 69.8275, 79.9783
YIQ	221.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

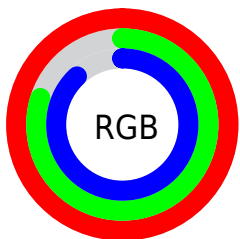
Format	Color
R _Y B	255, 204, 224
Decimal	16764128
CIE Lab	86.91, 21.08, -3.02
CIE LCh	87, 21.295, 351.848
Yxy	69.8275, 0.3374, 0.3088
Android (android.graphics.Color)	4294954208 (0xFFFFCCE0)
YUV	221.5290, 1.2182, 29.3541
Hunter-Lab	83.5629, 16.7237, 1.7474

Details

The RGB color **255, 204, 224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 255, 235**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 150, 169** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 208**, and if you desaturate by 10%, it is **255, 230, 240**.

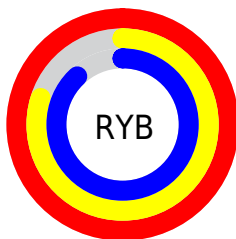
Distribution



Red (100%)

Green (80%)

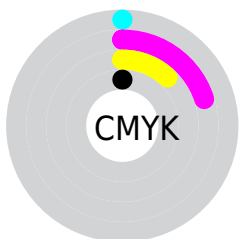
Blue (88%)



Red (100%)

Yellow (80%)

Blue (88%)

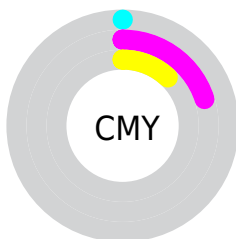


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 204, 224 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, 204, 224 by changing the saturation by 10% instead.


 255, 204, 224


255, 255, 255

 255, 204, 224

 226, 176, 196


 198, 150, 169

 170, 124, 142

 143, 98, 117

 117, 74, 92

 92, 51, 69

 68, 29, 47

 44, 7, 26

 18, 0, 0

■ 255, 204, 224

■ 255, 204, 224

■ 255, 179, 208

■ 255, 230, 240

■ 255, 153, 193

255, 255, 255

■ 255, 128, 177

■ 255, 102, 162

■ 255, 77, 146

■ 255, 51, 131

■ 255, 25, 115

■ 255, 0, 100

Harmonies

Analogous

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



239, 208, 243



255, 204, 224



255, 204, 203

Triad

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



255, 204, 224



218, 221, 180



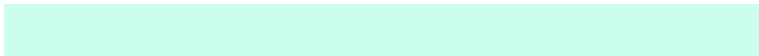
169, 226, 249

Complementary

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



255, 204, 224



204, 255, 235

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.



164, 229, 232



255, 204, 224



194, 226, 192

Square

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



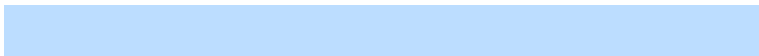
255, 204, 224



239, 214, 178



174, 229, 211



188, 221, 255

Rectangle

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



255, 204, 224



255, 206, 192



174, 229, 211



165, 228, 244

Sweetspot

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



255, 204, 224



255, 240, 246



235, 204, 255



128, 119, 122



0, 0, 0



128, 128, 128

Same Dimension

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



255, 204, 224



255, 194, 218



255, 209, 204



128, 115, 120



191, 0, 75



64, 0, 25

Inverse Universe

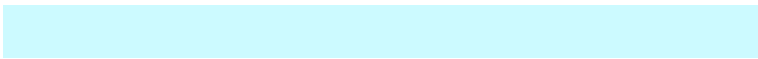
The Inverse Universe completely reimagines the original color for something new.



255, 204, 224



255, 194, 218



204, 250, 255



128, 115, 120



191, 0, 75



64, 0, 25

Previews

White Background



This preview shows how the RGB color 255, 204, 224 looks on a white background.

Color Contrast Check

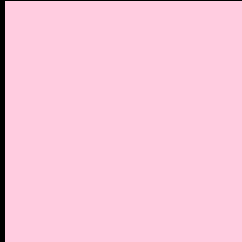
Large Text (above 18pt) WCAG AA × Fail

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, 204, 224 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, 204, 224 Background



This preview shows how black text looks on a background with the RGB color 255, 204, 224.



This preview shows how white text looks on a background with the RGB color 255, 204, 224.

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, 204, 224

Protanopia
218, 217, 232

Deuteranopia
237, 211, 223



Tritanopia
255, 205, 220

Trichromacy



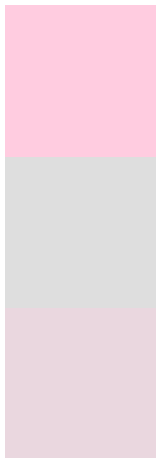
Original Color
255, 204, 224

Protanomaly
231, 212, 229

Deuteranomaly
244, 208, 223

Tritanomaly
255, 205, 221

Monochromacy



Original Color
255, 204, 224

Achromatopsia
222, 222, 222

Achromatomaly
234, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 204, 224 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, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 224)  
}
```

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, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 224) }
```

Border

The CSS property to change the border of an element to RGB 255, 204, 224 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, 204, 224) }
```

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

```
.border{ border-color:rgb(255, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 255, 204, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 224) }
```

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

```
.background{ background-color: rgb(255,  
204, 224) }
```

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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