

Converting Colors

RGB(253, 204, 219)

Have a look what the booklet for
RGB(253, 204, 219) contains.

RGB(253, 204, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(253, 204, 219)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDCCDB</code>
RGB	<code>253, 204, 219</code>
RGB Percent	<code>99%, 80%, 86%</code>
CMY	<code>0.0078, 0.2000, 0.1412</code>
CMYK	<code>0.00, 0.19, 0.13, 0.01</code>
HSL	<code>342°, 92%, 90%</code>
HSV	<code>342°, 19%, 99%</code>
XYZ	<code>74.8871, 69.1829, 76.4245</code>
YIQ	<code>220.3610, 24.3890, 15.0530</code>

Conversions

Conversions Part 2

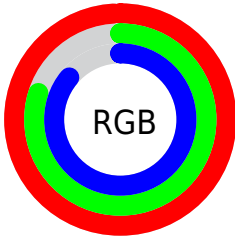
Format	Color
R _Y B	253, 204, 219
Decimal	16633051
CIE Lab	86.59, 19.59, -0.85
CIE LCh	87, 19.607, 357.504
Yxy	69.1829, 0.3396, 0.3138
Android (android.graphics.Color)	4294823131 (0xFFFDCCDB)
YUV	220.3610, -0.6710, 28.6244
Hunter-Lab	83.1762, 15.1527, 3.7462

Details

The RGB color **253, 204, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 253, 238**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 150, 164** is the 20% darker color. If you saturate the color by 10%, you get **253, 179, 201**, and if you desaturate by 10%, it is **253, 229, 237**.

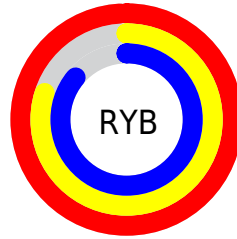
Distribution



Red (99%)

Green (80%)

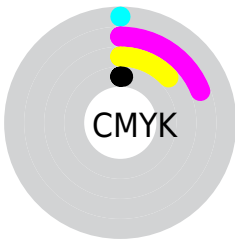
Blue (86%)



Red (99%)

Yellow (80%)

Blue (86%)

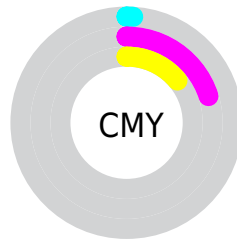


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 204, 219 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 253, 204, 219 by changing the saturation by 10% instead.

 253, 204, 219


255, 255, 255

 253, 204, 219


 224, 176, 191

 196, 150, 164

 168, 124, 138

 141, 98, 112

 115, 74, 88

 90, 51, 65

 66, 29, 43

 43, 7, 22

 13, 0, 0

■ 253, 204, 219

■ 253, 204, 219

■ 253, 179, 201

■ 253, 229, 237

■ 253, 153, 184

■ 253, 255, 254

■ 253, 128, 166

■ 253, 255, 255

■ 253, 103, 149

■ 253, 78, 131

■ 253, 52, 114

■ 253, 27, 96

■ 253, 2, 79

■ 253, 0, 77

Harmonies

Analogous

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



240, 207, 237



253, 204, 219



255, 205, 200

Triad

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



253, 204, 219



213, 221, 184



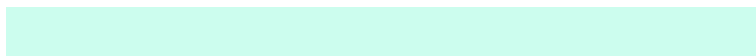
175, 224, 247

Complementary

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



253, 204, 219



204, 253, 238

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.



168, 227, 233



253, 204, 219



192, 225, 196

Square

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



253, 204, 219



233, 215, 180



175, 228, 214



194, 219, 253

Rectangle

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



253, 204, 219



252, 207, 190



175, 228, 214



171, 225, 243

Sweetspot

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



253, 204, 219



255, 240, 244



237, 204, 253



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

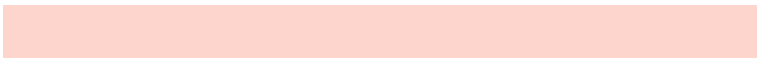
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 204, 219



255, 196, 214



253, 213, 204



128, 115, 119



191, 0, 59



64, 0, 20

Inverse Universe

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



253, 204, 219



255, 196, 214



204, 244, 253



128, 115, 119



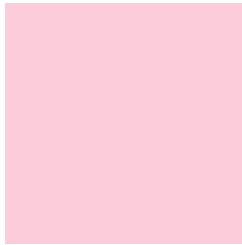
191, 0, 59



64, 0, 20

Previews

White Background



This preview shows how the RGB color 253, 204, 219 looks on a white background.

Color Contrast Check

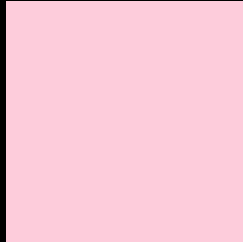
Large Text (above 18pt) WCAG AA × Fail

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 253, 204, 219 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 253, 204, 219 Background



This preview shows how black text looks on a background with the RGB color 253, 204, 219.

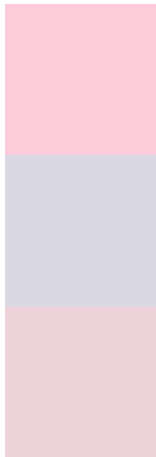


This preview shows how white text looks on a background with the RGB color 253, 204, 219.

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
253, 204, 219

Protanopia
218, 216, 226

Deuteranopia
237, 210, 218



Tritanopia
253, 204, 220

Trichromacy



Original Color
253, 204, 219

Protanomaly
231, 212, 223

Deuteranomaly
243, 208, 218

Tritanomaly
253, 204, 220

Monochromacy



Original Color
253, 204, 219

Achromatopsia
220, 220, 220

Achromatomaly
232, 214, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 204, 219 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(253, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 219)  
}
```

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(253, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 219) }
```

Border

The CSS property to change the border of an element to RGB 253, 204, 219 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(253, 204, 219) }
```

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

```
.border{ border-color:rgb(253, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 204,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 253, 204, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 219) }
```

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

```
.background{ background-color: rgb(253,  
204, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor