

Converting Colors

RGB(251, 203, 255)

Have a look what the booklet for
RGB(251, 203, 255) contains.

RGB(251, 203, 255)	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(251, 203, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBFF
RGB	251, 203, 255
RGB Percent	98%, 80%, 100%
CMY	0.0157, 0.2039, 0.0000
CMYK	0.02, 0.20, 0.00, 0.00
HSL	295°, 100%, 90%
HSV	295°, 20%, 100%
XYZ	79.1896, 70.4411, 104.0305
YIQ	223.2800, 11.9160, 26.3480

Conversions

Conversions Part 2

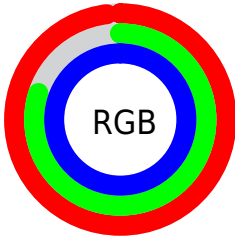
Format	Color
R _Y B	251, 203, 255
Decimal	16501759
CIE Lab	87.21, 25.60, -19.03
CIE LCh	87, 31.901, 323.377
Yxy	70.4411, 0.3122, 0.2777
Android (android.graphics.Color)	4294691839 (0xFFFBCEFF)
YUV	223.2800, 15.6380, 24.3104
Hunter-Lab	83.9292, 21.5438, -14.7397

Details

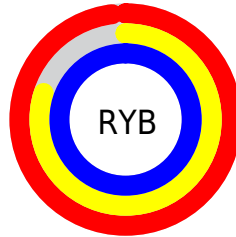
The RGB color **251, 203, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **207, 255, 203**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 149, 198** is the 20% darker color. If you saturate the color by 10%, you get **249, 178, 255**, and if you desaturate by 10%, it is **253, 228, 255**.

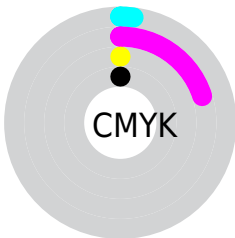
Distribution



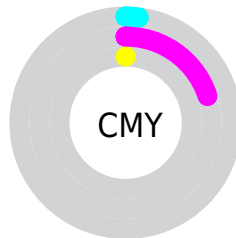
- Red (98%)
- Green (80%)
- Blue (100%)



- Red (98%)
- Yellow (80%)
- Blue (100%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 251, 203, 255 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 251, 203, 255 by changing the saturation by 10% instead.

 251, 203, 255

255, 255, 255

 251, 203, 255

 222, 175, 226

 194, 149, 198

 167, 122, 171

 140, 97, 144

 114, 73, 119

 89, 50, 94

 65, 27, 70

 41, 5, 47

 17, 0, 27

■ 251, 203, 255

■ 251, 203, 255

■ 249, 178, 255

■ 253, 228, 255

■ 247, 152, 255

255, 254, 255

■ 245, 126, 255

255, 255, 255

■ 243, 101, 255

■ 241, 75, 255

■ 239, 50, 255

■ 237, 24, 255

■ 235, 0, 255

Harmonies

Analogous

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



214, 213, 255



251, 203, 255



255, 197, 226

Triad

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



251, 203, 255



247, 214, 159



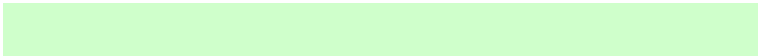
128, 235, 241

Complementary

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



251, 203, 255



207, 255, 203

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.



148, 235, 210



251, 203, 255



216, 224, 162

Square

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



251, 203, 255



255, 204, 171



181, 231, 182



136, 231, 255

Rectangle

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



251, 203, 255



255, 197, 206



181, 231, 182



132, 236, 231

Sweetspot

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



251, 203, 255



254, 240, 255



203, 207, 255



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



251, 203, 255



250, 194, 255



255, 203, 233



127, 115, 128



177, 0, 191



59, 0, 64

Inverse Universe

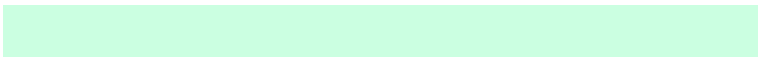
The Inverse Universe completely reimagines the original color for something new.



255, 203, 207



255, 194, 199



203, 255, 225



128, 115, 116



191, 0, 15



64, 0, 5

Previews

White Background



This preview shows how the RGB color 251, 203, 255 looks on a white background.

Color Contrast Check

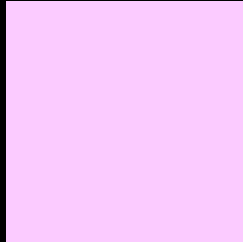
Large Text (above 18pt) WCAG AA × Fail

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 251, 203, 255 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

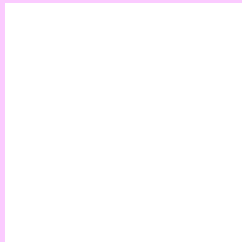
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 251, 203, 255 Background



This preview shows how black text looks on a background with the RGB color 251, 203, 255.



This preview shows how white text looks on a background with the RGB color 251, 203, 255.

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
251, 203, 255

Protanopia
211, 217, 255

Deuteranopia
224, 213, 253



Tritanopia
247, 208, 225

Trichromacy



Original Color

251, 203, 255



Protanomaly

226, 212, 255



Deuteranomaly

234, 209, 254



Tritanomaly

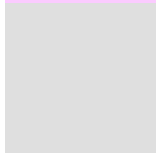
248, 206, 236

Monochromacy



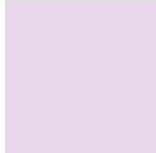
Original Color

251, 203, 255



Achromatopsia

223, 223, 223



Achromatomaly

233, 216, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 203, 255 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(251, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 255)  
}
```

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(251, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 255) }
```

Border

The CSS property to change the border of an element to RGB 251, 203, 255 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(251, 203, 255) }
```

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

```
.border{ border-color:rgb(251, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 251, 203, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 255) }
```

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

```
.background{ background-color: rgb(251,  
203, 255) }
```

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