

Converting Colors

RGB(247, 203, 240)

Have a look what the booklet for
RGB(247, 203, 240) contains.

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Color

RGB(247, 203, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F7CBF0
RGB	247, 203, 240
RGB Percent	97%, 80%, 94%
CMY	0.0314, 0.2039, 0.0588
CMYK	0.00, 0.18, 0.03, 0.03
HSL	310°, 73%, 88%
HSV	310°, 18%, 97%
XYZ	75.4419, 68.7773, 91.7372
YIQ	220.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

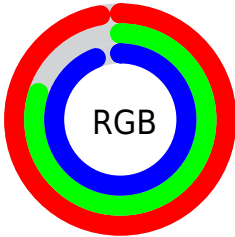
Format	Color
R_{YB}	247, 203, 240
Decimal	16239600
CIE _{Lab}	86.39, 21.59, -12.36
CIE _{LCh}	86, 24.877, 330.219
Yxy	68.7773, 0.3197, 0.2915
Android (android.graphics.Color)	4294429680 (0xFFFF7CBF0)
YUV	220.3740, 9.6756, 23.3510
Hunter-Lab	82.9321, 17.2472, -7.5325

Details

The RGB color **247, 203, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **203, 247, 210**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 149, 184** is the 20% darker color. If you saturate the color by 10%, you get **247, 178, 236**, and if you desaturate by 10%, it is **247, 228, 244**.

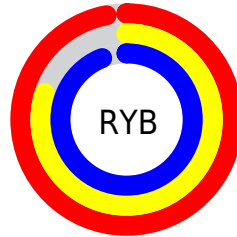
Distribution



Red (97%)

Green (80%)

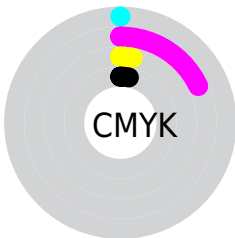
Blue (94%)



Red (97%)

Yellow (80%)

Blue (94%)

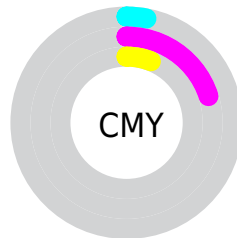


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (3%)



Cyan (3%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 203, 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 247, 203, 240 by changing the saturation by 10% instead.

 247, 203, 240

255, 255, 255


 247, 203, 240

 218, 175, 212

 190, 149, 184

 163, 123, 157

 136, 98, 131

 111, 73, 106

 86, 50, 82

 62, 28, 58

 39, 6, 37

 9, 0, 15

247, 203, 240

247, 203, 240

247, 178, 236

247, 228, 244

247, 154, 232

247, 252, 248

247, 129, 228

247, 255, 252

247, 104, 224

247, 255, 255

247, 79, 220

247, 55, 216

247, 30, 212

247, 5, 209

247, 0, 208

Harmonies

Analogous

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



221, 210, 255



247, 203, 240



255, 200, 217

Triad

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



247, 203, 240



234, 215, 169



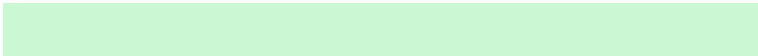
151, 229, 239

Complementary

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



247, 203, 240



203, 247, 210

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.



159, 230, 216



247, 203, 240



208, 222, 175

Square

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



247, 203, 240



254, 207, 176



181, 227, 192



162, 225, 255

Rectangle

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



247, 203, 240



255, 200, 201



181, 227, 192



152, 230, 232

Sweetspot

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



247, 203, 240



255, 242, 253



210, 203, 247



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



247, 203, 240



255, 201, 246



247, 203, 218



122, 110, 120



186, 0, 157



59, 0, 49

Inverse Universe

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



247, 203, 240



255, 201, 246



203, 247, 232



122, 110, 120



186, 0, 157



59, 0, 49

Previews

White Background



This preview shows how the RGB color 247, 203, 240 looks on a white background.

Color Contrast Check

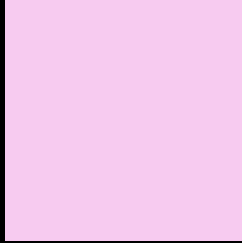
Large Text (above 18pt) WCAG AA × Fail

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 247, 203, 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 247, 203, 240 Background



This preview shows how black text looks on a background with the RGB color 247, 203, 240.



This preview shows how white text looks on a background with the RGB color 247, 203, 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
247, 203, 240

Protanopia
211, 215, 248

Deuteranopia
227, 211, 239



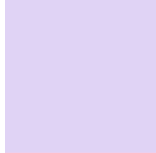
Tritanopia
245, 206, 222

Trichromacy



Original Color

247, 203, 240



Protanomaly

224, 211, 245



Deuteranomaly

234, 208, 239



Tritanomaly

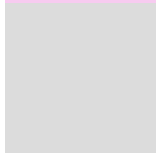
246, 205, 229

Monochromacy



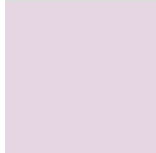
Original Color

247, 203, 240



Achromatopsia

220, 220, 220



Achromatomaly

230, 214, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 203, 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(247, 203, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 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(247, 203, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 240) }
```

Border

The CSS property to change the border of an element to RGB 247, 203, 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(247, 203, 240) }
```

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

```
.border{ border-color:rgb(247, 203, 240) }
```

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

Here you see how a box with a 4 pixel rgb(247, 203, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 247, 203, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 240) }
```

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

```
.background{ background-color: rgb(247,  
203, 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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