

Converting Colors

RGB(241, 203, 233)

Have a look what the booklet for
RGB(241, 203, 233) contains.

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Color

RGB(241, 203, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F1CBE9
RGB	241, 203, 233
RGB Percent	95%, 80%, 91%
CMY	0.0549, 0.2039, 0.0863
CMYK	0.00, 0.16, 0.03, 0.05
HSL	313°, 58%, 87%
HSV	313°, 16%, 95%
XYZ	72.3395, 67.2958, 86.2675
YIQ	217.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

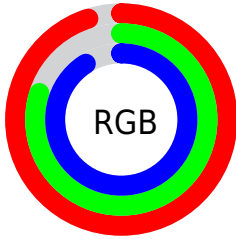
Format	Color
R_{YB}	241, 203, 233
Decimal	15846377
CIE Lab	85.65, 18.35, -9.80
CIE LCh	86, 20.803, 331.890
Yxy	67.2958, 0.3202, 0.2979
Android (android.graphics.Color)	4294036457 (0xFFFF1CBE9)
YUV	217.7820, 7.5025, 20.3622
Hunter-Lab	82.0340, 13.8459, -4.9259

Details

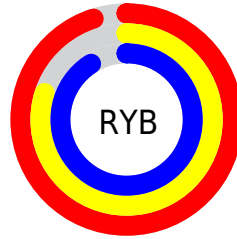
The RGB color **241, 203, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **203, 241, 211**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 149, 177** is the 20% darker color. If you saturate the color by 10%, you get **241, 179, 228**, and if you desaturate by 10%, it is **241, 227, 238**.

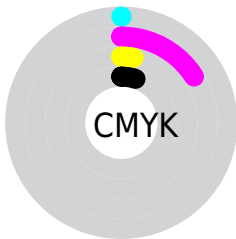
Distribution



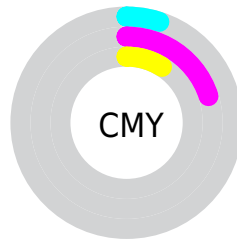
- Red (95%)
- Green (80%)
- Blue (91%)



- Red (95%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 203, 233 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 241, 203, 233 by changing the saturation by 10% instead.

 241, 203, 233


255, 255, 255

 241, 203, 233


 213, 176, 205


 185, 149, 177

 158, 123, 151

 131, 98, 125

 106, 74, 100

 81, 51, 76


 58, 29, 53


 36, 7, 32


 0, 0, 6

 241, 203, 233


 241, 203, 233

 241, 179, 228


 241, 227, 238


 241, 155, 223


 241, 251, 243


 241, 131, 218


 241, 255, 248


 241, 107, 213


 241, 255, 253

 241, 82, 208

 241, 255, 255

 241, 58, 203

 241, 34, 197

 241, 10, 192

 241, 0, 190

Harmonies

Analogous

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



219, 209, 247



241, 203, 233



253, 200, 214

Triad

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



241, 203, 233



228, 213, 175



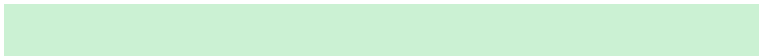
162, 225, 234

Complementary

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



241, 203, 233



203, 241, 211

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.



167, 226, 215



241, 203, 233



206, 219, 180

Square

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



241, 203, 233



246, 207, 180



184, 224, 195



171, 221, 248

Rectangle

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



241, 203, 233



255, 201, 200



184, 224, 195



162, 225, 228

Sweetspot

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



241, 203, 233



255, 242, 252



211, 203, 241



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



241, 203, 233



255, 207, 245



241, 203, 214



120, 108, 117



184, 0, 145



56, 0, 44

Inverse Universe

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



241, 203, 233



255, 207, 245



203, 241, 230



120, 108, 117



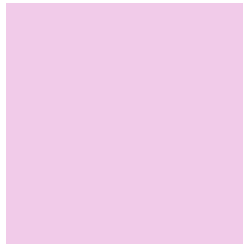
184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RGB color 241, 203, 233 looks on a white background.

Color Contrast Check

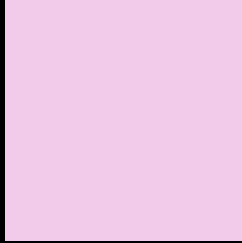
Large Text (above 18pt) WCAG AA × Fail

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 241, 203, 233 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 241, 203, 233 Background



This preview shows how black text looks on a background with the RGB color 241, 203, 233.



This preview shows how white text looks on a background with the RGB color 241, 203, 233.

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
241, 203, 233

Protanopia
211, 213, 239

Deuteranopia
227, 208, 232



Tritanopia
239, 205, 221

Trichromacy



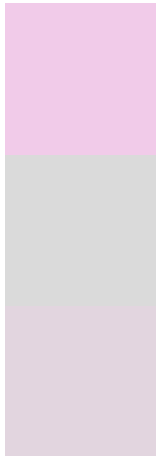
Original Color
241, 203, 233

Protanomaly
222, 209, 237

Deuteranomaly
232, 206, 232

Tritanomaly
240, 204, 225

Monochromacy



Original Color
241, 203, 233

Achromatopsia
218, 218, 218

Achromatomaly
226, 213, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 203, 233 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(241, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 233)  
}
```

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(241, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 233) }
```

Border

The CSS property to change the border of an element to RGB 241, 203, 233 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(241, 203, 233) }
```

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

```
.border{ border-color:rgb(241, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 241, 203, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 233) }
```

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

```
.background{ background-color: rgb(241,  
203, 233) }
```

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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