

Converting Colors

RGB(240, 204, 229)

Have a look what the booklet for
RGB(240, 204, 229) contains.

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Color

RGB(240, 204, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F0CCE5
RGB	240, 204, 229
RGB Percent	94%, 80%, 90%
CMY	0.0588, 0.2000, 0.1020
CMYK	0.00, 0.15, 0.05, 0.06
HSL	318°, 55%, 87%
HSV	318°, 15%, 94%
XYZ	71.6709, 67.3681, 83.3546
YIQ	217.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

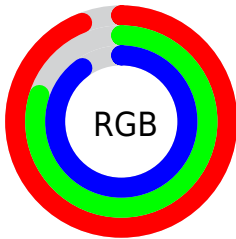
Format	Color
R_{YB}	240, 204, 229
Decimal	15781093
CIE _{Lab}	85.69, 16.78, -7.63
CIE _{LCh}	86, 18.435, 335.544
Yxy	67.3681, 0.3223, 0.3029
Android (android.graphics.Color)	4293971173 (0xFFFF0CCE5)
YUV	217.6140, 5.6133, 19.6325
Hunter-Lab	82.0781, 12.2302, -2.7574

Details

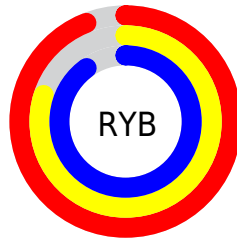
The RGB color **240, 204, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 240, 215**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 150, 174** is the 20% darker color. If you saturate the color by 10%, you get **240, 180, 222**, and if you desaturate by 10%, it is **240, 228, 236**.

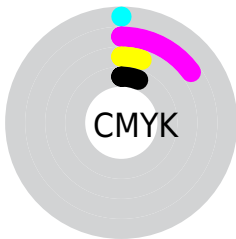
Distribution



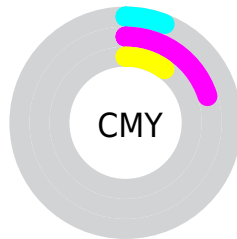
- Red (94%)
- Green (80%)
- Blue (90%)



- Red (94%)
- Yellow (80%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 204, 229 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 240, 204, 229 by changing the saturation by 10% instead.

■ 240, 204, 229

255, 255, 255

■ 240, 204, 229

■ 212, 176, 201

■ 184, 150, 174

■ 157, 124, 147

■ 130, 99, 121

■ 105, 75, 96

■ 81, 52, 73

■ 57, 30, 50

■ 35, 8, 29

■ 0, 0, 0

240, 204, 229

240, 204, 229

240, 180, 222

240, 228, 236

240, 156, 214

240, 252, 244

240, 132, 207

240, 255, 251

240, 108, 200

240, 255, 255

240, 84, 192

240, 60, 185

240, 36, 178

240, 12, 170

240, 0, 167

Harmonies

Analogous

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



222, 209, 243



240, 204, 229



250, 202, 211

Triad

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



240, 204, 229



225, 214, 180



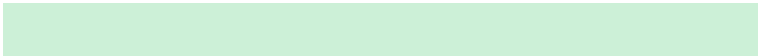
169, 223, 234

Complementary

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



240, 204, 229



204, 240, 215

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.



172, 225, 217



240, 204, 229



205, 219, 186

Square

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



240, 204, 229



241, 208, 183



186, 223, 199



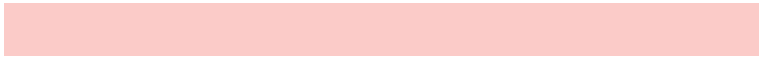
179, 220, 245

Rectangle

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



240, 204, 229



251, 203, 200



186, 223, 199



169, 224, 229

Sweetspot

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



240, 204, 229



255, 242, 251



215, 204, 240



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 204, 229



255, 209, 241



240, 204, 211



120, 108, 116



184, 0, 128



56, 0, 39

Inverse Universe

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



240, 204, 229



255, 209, 241



204, 240, 233



120, 108, 116



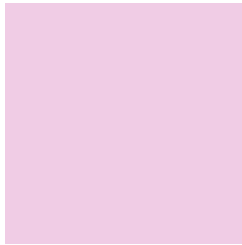
184, 0, 128



56, 0, 39

Previews

White Background



This preview shows how the RGB color 240, 204, 229 looks on a white background.

Color Contrast Check

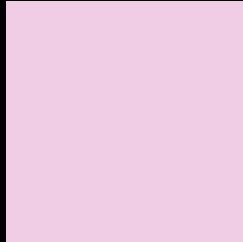
Large Text (above 18pt) WCAG AA × Fail

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 240, 204, 229 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 240, 204, 229 Background



This preview shows how black text looks on a background with the RGB color 240, 204, 229.



This preview shows how white text looks on a background with the RGB color 240, 204, 229.

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
240, 204, 229

Protanopia
212, 213, 235

Deuteranopia
229, 208, 228



Tritanopia
239, 205, 221

Trichromacy



Original Color

240, 204, 229

Protanomaly

222, 210, 233

Deuteranomaly

233, 207, 228

Tritanomaly

239, 205, 224

Monochromacy



Original Color

240, 204, 229

Achromatopsia

218, 218, 218

Achromatomaly

226, 213, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 204, 229 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(240, 204, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 229)  
}
```

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(240, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 229) }
```

Border

The CSS property to change the border of an element to RGB 240, 204, 229 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(240, 204, 229) }
```

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

```
.border{ border-color:rgb(240, 204, 229) }
```

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

Here you see how a box with a 4 pixel rgb(240, 204, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 240, 204, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 229) }
```

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

```
.background{ background-color: rgb(240,  
204, 229) }
```

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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