

Converting Colors

RGB(240, 206, 231)

Have a look what the booklet for
RGB(240, 206, 231) contains.

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Color

RGB(240, 206, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F0CEE7
RGB	240, 206, 231
RGB Percent	94%, 81%, 91%
CMY	0.0588, 0.1922, 0.0941
CMYK	0.00, 0.14, 0.04, 0.06
HSL	316°, 53%, 87%
HSV	316°, 14%, 94%
XYZ	72.4303, 68.4374, 84.9936
YIQ	219.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

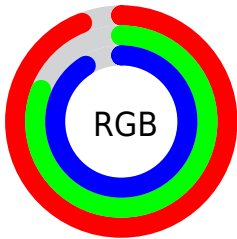
Format	Color
R_{YB}	240, 206, 231
Decimal	15781607
CIE _{Lab}	86.22, 16.08, -7.90
CIE _{LCh}	86, 17.912, 333.828
Yxy	68.4374, 0.3207, 0.3030
Android (android.graphics.Color)	4293971687 (0xFFFF0CEE7)
YUV	219.0160, 5.9081, 18.4030
Hunter-Lab	82.7269, 11.5109, -3.0057

Details

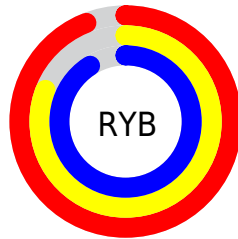
The RGB color **240, 206, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **206, 240, 215**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 152, 175** is the 20% darker color. If you saturate the color by 10%, you get **240, 182, 225**, and if you desaturate by 10%, it is **240, 230, 237**.

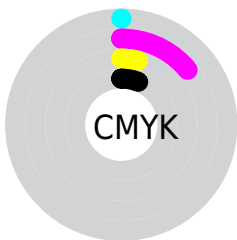
Distribution



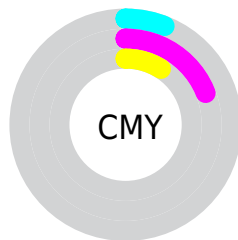
- Red (94%)
- Green (81%)
- Blue (91%)



- Red (94%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 206, 231 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, 206, 231 by changing the saturation by 10% instead.

■ 240, 206, 231

255, 255, 255

■ 240, 206, 231

■ 212, 178, 203

■ 184, 152, 175

■ 157, 126, 149

■ 131, 101, 123

■ 105, 76, 98

■ 81, 53, 74

■ 57, 32, 52

■ 35, 10, 31

■ 0, 0, 3

240, 206, 231

240, 206, 231

240, 182, 225

240, 230, 237

240, 158, 218

240, 254, 244

240, 134, 212

240, 255, 250

240, 110, 206

240, 255, 255

240, 86, 199

240, 62, 193

240, 38, 187

240, 14, 180

240, 0, 176

Harmonies

Analogous

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



222, 211, 244



240, 206, 231



250, 204, 214

Triad

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



240, 206, 231



227, 215, 182



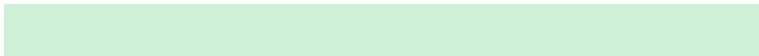
172, 225, 234

Complementary

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



240, 206, 231



206, 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.



175, 226, 217



240, 206, 231



208, 220, 187

Square

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



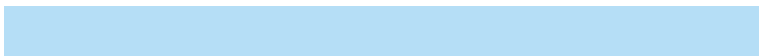
240, 206, 231



243, 210, 186



189, 224, 200



181, 222, 246

Rectangle

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



240, 206, 231



252, 205, 203



189, 224, 200



172, 225, 229

Sweetspot

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



240, 206, 231



255, 245, 252



214, 206, 240



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 206, 231



255, 212, 244



240, 206, 214



120, 108, 117



184, 0, 135



56, 0, 41

Inverse Universe

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



240, 206, 231



255, 212, 244



206, 240, 231



120, 108, 117



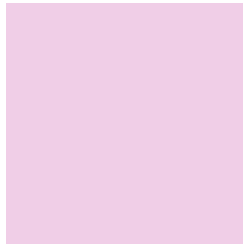
184, 0, 135



56, 0, 41

Previews

White Background



This preview shows how the RGB color 240, 206, 231 looks on a white background.

Color Contrast Check

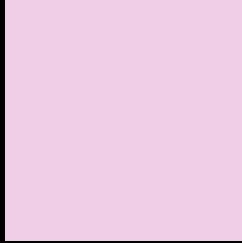
Large Text (above 18pt) WCAG AA × Fail

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, 206, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

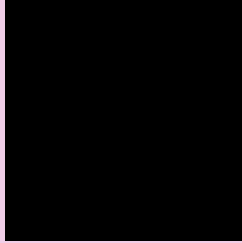
Any Text WCAG AA ✓ Pass

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, 206, 231 Background



This preview shows how black text looks on a background with the RGB color 240, 206, 231.



This preview shows how white text looks on a background with the RGB color 240, 206, 231.

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, 206, 231

Protanopia
214, 214, 236

Deuteranopia
230, 210, 230



Tritanopia
239, 207, 223

Trichromacy



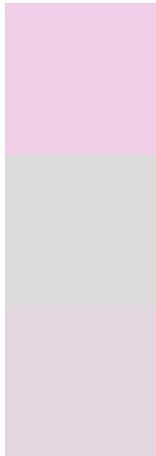
Original Color
240, 206, 231

Protanomaly
223, 211, 234

Deuteranomaly
234, 209, 230

Tritanomaly
239, 207, 226

Monochromacy



Original Color
240, 206, 231

Achromatopsia
219, 219, 219

Achromatomaly
227, 214, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 206, 231 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, 206, 231) looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 231)  
}
```

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, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 231) }
```

Border

The CSS property to change the border of an element to RGB 240, 206, 231 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, 206, 231) }
```

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

```
.border{ border-color:rgb(240, 206, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 240, 206, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 231) }
```

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

```
.background{ background-color: rgb(240,  
206, 231) }
```

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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