

Converting Colors

RGB(240, 206, 225)

Have a look what the booklet for
RGB(240, 206, 225) contains.

RGB(240, 206, 225)	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(240, 206, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F0CEE1
RGB	240, 206, 225
RGB Percent	94%, 81%, 88%
CMY	0.0588, 0.1922, 0.1176
CMYK	0.00, 0.14, 0.06, 0.06
HSL	326°, 53%, 87%
HSV	326°, 14%, 94%
XYZ	71.5971, 68.1041, 80.6060
YIQ	218.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

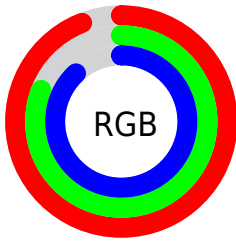
Format	Color
R _Y B	240, 206, 225
Decimal	15781601
CIE Lab	86.06, 15.03, -4.96
CIE LCh	86, 15.832, 341.734
Yxy	68.1041, 0.3250, 0.3091
Android (android.graphics.Color)	4293971681 (0xFFFF0CEE1)
YUV	218.3320, 3.2873, 19.0028
Hunter-Lab	82.5252, 10.4436, -0.1435

Details

The RGB color **240, 206, 225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 240, 221**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 152, 170** is the 20% darker color. If you saturate the color by 10%, you get **240, 182, 214**, and if you desaturate by 10%, it is **240, 230, 236**.

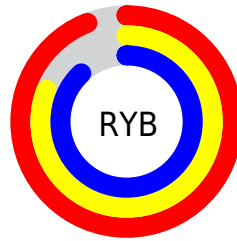
Distribution



Red (94%)

Green (81%)

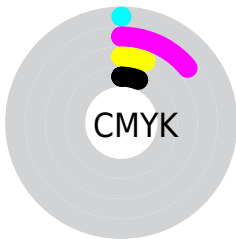
Blue (88%)



Red (94%)

Yellow (81%)

Blue (88%)

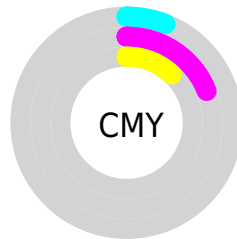


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 206, 225 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, 225 by changing the saturation by 10% instead.

■ 240, 206, 225

255, 255, 255

■ 240, 206, 225

■ 212, 178, 197

■ 184, 152, 170

■ 157, 126, 143

■ 130, 101, 118

■ 105, 76, 93

■ 81, 54, 70


■ 57, 32, 47

■ 35, 11, 26


■ 0, 0, 0

 240, 206, 225


 240, 206, 225

 240, 182, 214


 240, 230, 236


 240, 158, 204


 240, 254, 246


 240, 134, 193


 240, 255, 255

 240, 110, 183

 240, 86, 172

 240, 62, 161

 240, 38, 151

 240, 14, 140

 240, 0, 134

Harmonies

Analogous

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



225, 210, 238



240, 206, 225



247, 205, 210

Triad

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



240, 206, 225



221, 216, 186



178, 223, 235

Complementary

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



240, 206, 225



206, 240, 221

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.



178, 224, 221



240, 206, 225



204, 220, 193

Square

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



240, 206, 225



236, 211, 187



188, 223, 205



189, 219, 243

Rectangle

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



240, 206, 225



247, 206, 200



188, 223, 205



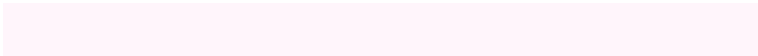
177, 223, 230

Sweetspot

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



240, 206, 225



255, 245, 251



221, 206, 240



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 206, 225



255, 212, 236



240, 206, 208



120, 108, 115



184, 0, 103



56, 0, 31

Inverse Universe

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



240, 206, 225



255, 212, 236



206, 240, 238



120, 108, 115



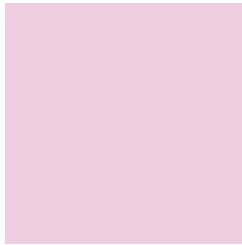
184, 0, 103



56, 0, 31

Previews

White Background



This preview shows how the RGB color 240, 206, 225 looks on a white background.

Color Contrast Check

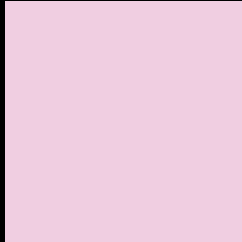
Large Text (above 18pt) WCAG AA × Fail

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, 225 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, 225 Background



This preview shows how black text looks on a background with the RGB color 240, 206, 225.

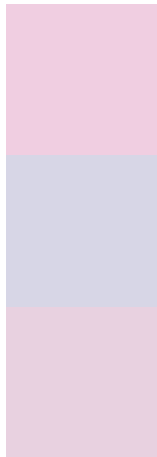


This preview shows how white text looks on a background with the RGB color 240, 206, 225.

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, 225

Protanopia
215, 214, 230

Deuteranopia
232, 209, 224



Tritanopia
240, 206, 223

Trichromacy



Original Color

240, 206, 225

Protanomaly

224, 211, 228

Deuteranomaly

235, 208, 224

Tritanomaly

240, 206, 224

Monochromacy



Original Color

240, 206, 225

Achromatopsia

218, 218, 218

Achromatomaly

226, 214, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 206, 225 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 225) }
```

Border

The CSS property to change the border of an element to RGB 240, 206, 225 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, 225) }
```

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

```
.border{ border-color:rgb(240, 206, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 240, 206, 225 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, 225) }
```

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

```
.background{ background-color: rgb(240,  
206, 225) }
```

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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