

Converting Colors

RGB(240, 206, 216)

Have a look what the booklet for
RGB(240, 206, 216) contains.

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Color

RGB(240, 206, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F0CED8
RGB	240, 206, 216
RGB Percent	94%, 81%, 85%
CMY	0.0588, 0.1922, 0.1529
CMYK	0.00, 0.14, 0.10, 0.06
HSL	342°, 53%, 87%
HSV	342°, 14%, 94%
XYZ	70.4012, 67.6257, 74.3083
YIQ	217.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

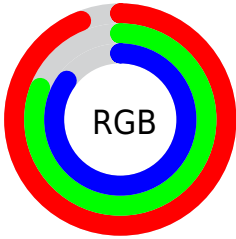
Format	Color
R _Y B	240, 206, 216
Decimal	15781592
CIE Lab	85.82, 13.52, -0.54
CIE LCh	86, 13.530, 357.734
Yxy	67.6257, 0.3316, 0.3185
Android (android.graphics.Color)	4293971672 (0xFFFF0CED8)
YUV	217.3060, -0.6439, 19.9026
Hunter-Lab	82.2349, 8.9026, 3.9894

Details

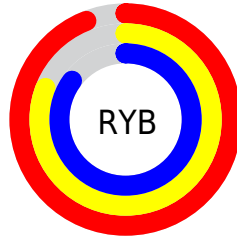
The RGB color **240, 206, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 240, 230**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 152, 161** is the 20% darker color. If you saturate the color by 10%, you get **240, 182, 199**, and if you desaturate by 10%, it is **240, 230, 233**.

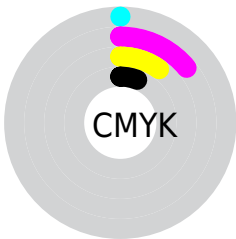
Distribution



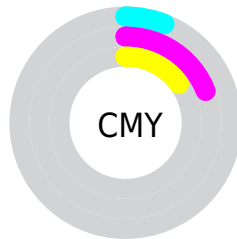
- Red (94%)
- Green (81%)
- Blue (85%)



- Red (94%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 206, 216 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, 216 by changing the saturation by 10% instead.


 240, 206, 216

255, 255, 255

 240, 206, 216


 212, 178, 188

 184, 152, 161


 157, 126, 135

 130, 101, 110

 105, 77, 85

 81, 54, 62


 57, 32, 40

 35, 11, 20


 0, 0, 0

 240, 206, 216


 240, 206, 216

 240, 182, 199


 240, 230, 233

 240, 158, 182


 240, 254, 250

 240, 134, 165

 240, 255, 255

 240, 110, 148

 240, 86, 131

 240, 62, 114

 240, 38, 97

 240, 14, 80

 240, 0, 71

Harmonies

Analogous

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



231, 208, 228



240, 206, 216



242, 207, 203

Triad

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



240, 206, 216



212, 217, 192



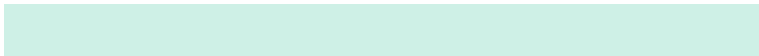
187, 220, 236

Complementary

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



240, 206, 216



206, 240, 230

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.



182, 222, 226



240, 206, 216



197, 221, 201

Square

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



240, 206, 216



226, 213, 189



186, 222, 213



200, 216, 240

Rectangle

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



240, 206, 216



240, 208, 196



186, 222, 213



185, 221, 233

Sweetspot

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



240, 206, 216



255, 245, 248



230, 206, 240



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



240, 206, 216



255, 212, 224



240, 213, 206



120, 108, 111



184, 0, 54



56, 0, 16

Inverse Universe

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



240, 206, 216



255, 212, 224



206, 233, 240



120, 108, 111



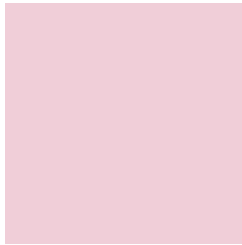
184, 0, 54



56, 0, 17

Previews

White Background



This preview shows how the RGB color 240, 206, 216 looks on a white background.

Color Contrast Check

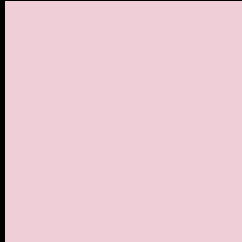
Large Text (above 18pt) WCAG AA × Fail

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, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

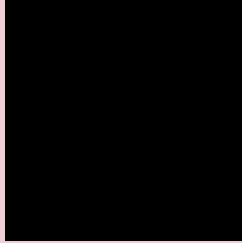
Any Text WCAG AA ✓ Pass

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, 216 Background



This preview shows how black text looks on a background with the RGB color 240, 206, 216.



This preview shows how white text looks on a background with the RGB color 240, 206, 216.

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, 216
	Protanopia 217, 214, 220
	Deuteranopia 235, 208, 216



Tritanopia

241, 205, 221

Trichromacy



Original Color

240, 206, 216

Protanomaly

225, 211, 219

Deuteranomaly

237, 207, 216

Tritanomaly

241, 205, 219

Monochromacy



Original Color

240, 206, 216

Achromatopsia

217, 217, 217

Achromatomaly

225, 213, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 206, 216 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 216) }
```

Border

The CSS property to change the border of an element to RGB 240, 206, 216 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, 216) }
```

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

```
.border{ border-color:rgb(240, 206, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 240, 206, 216 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, 216) }
```

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

```
.background{ background-color: rgb(240,  
206, 216) }
```

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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