

Converting Colors

RGB(240, 221, 233)

Have a look what the booklet for
RGB(240, 221, 233) contains.

RGB(240, 221, 233)	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, 221, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDE9
RGB	240, 221, 233
RGB Percent	94%, 87%, 91%
CMY	0.0588, 0.1333, 0.0863
CMYK	0.00, 0.08, 0.03, 0.06
HSL	322°, 39%, 90%
HSV	322°, 8%, 94%
XYZ	76.4996, 76.1214, 87.7517
YIQ	228.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

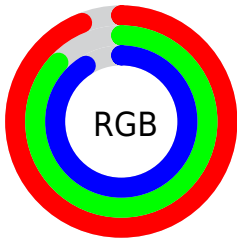
Format	Color
R _Y B	240, 221, 233
Decimal	15785449
CIE Lab	89.92, 8.56, -3.51
CIE LCh	90, 9.255, 337.727
Yxy	76.1214, 0.3183, 0.3167
Android (android.graphics.Color)	4293975529 (0xFFFF0DDE9)
YUV	228.0490, 2.4408, 10.4810
Hunter-Lab	87.2476, 3.8275, 1.4407

Details

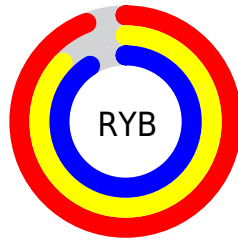
The RGB color **240, 221, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 240, 228**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 166, 177** is the 20% darker color. If you saturate the color by 10%, you get **240, 197, 224**, and if you desaturate by 10%, it is **240, 245, 242**.

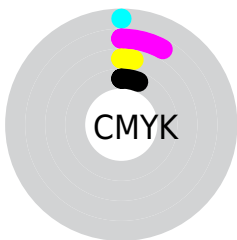
Distribution



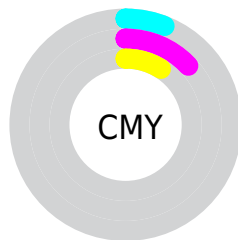
- Red (94%)
- Green (87%)
- Blue (91%)



- Red (94%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 221, 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 240, 221, 233 by changing the saturation by 10% instead.

■ 240, 221, 233

255, 255, 255

■ 240, 221, 233

■ 212, 193, 205

■ 184, 166, 177

■ 157, 140, 151

■ 131, 114, 125

■ 106, 90, 100

■ 81, 66, 76


■ 58, 44, 53

■ 37, 23, 32


■ 16, 0, 9

 240, 221, 233


 240, 221, 233

 240, 197, 224


 240, 245, 242


 240, 173, 215


 240, 255, 251


 240, 149, 206

 240, 255, 255

 240, 125, 198

 240, 101, 189

 240, 77, 180

 240, 53, 171

 240, 29, 162

 240, 5, 153

Harmonies

Analogous

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



231, 223, 240



240, 221, 233



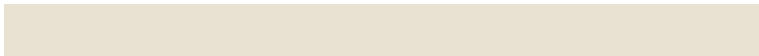
245, 220, 224

Triad

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



240, 221, 233



231, 226, 209



205, 231, 237

Complementary

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



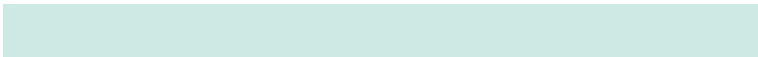
240, 221, 233



221, 240, 228

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.



206, 232, 228



240, 221, 233



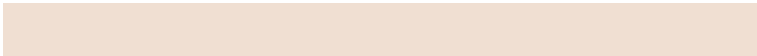
221, 229, 212

Square

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



240, 221, 233



240, 223, 210



212, 231, 219



210, 229, 242

Rectangle

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



240, 221, 233



246, 221, 218



212, 231, 219



205, 231, 234

Sweetspot

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



240, 221, 233



255, 250, 253



228, 221, 240



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



240, 221, 233



255, 230, 246



240, 221, 224



120, 108, 115



184, 0, 116



56, 0, 35

Inverse Universe

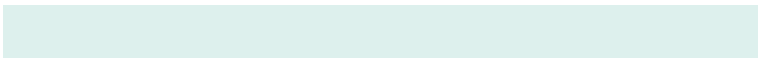
The Inverse Universe completely reimagines the original color for something new.



240, 221, 233



255, 230, 246



221, 240, 237



120, 108, 115



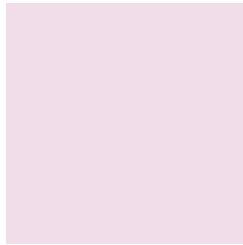
184, 0, 116



56, 0, 35

Previews

White Background



This preview shows how the RGB color 240, 221, 233 looks on a white background.

Color Contrast Check

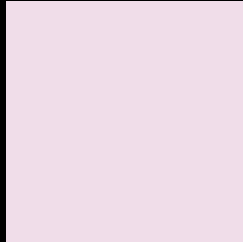
Large Text (above 18pt) WCAG AA × Fail

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 240, 221, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

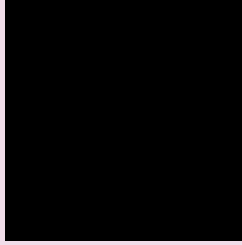
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

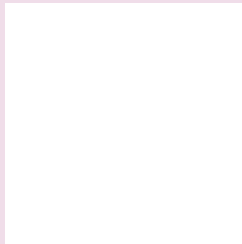
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 240, 221, 233 Background



This preview shows how black text looks on a background with the RGB color 240, 221, 233.



This preview shows how white text looks on a background with the RGB color 240, 221, 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](#).

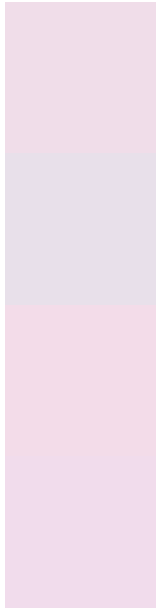
Dichromacy

	Original Color 240, 221, 233
	Protanopia 228, 225, 235
	Deuteranopia 245, 219, 233



Tritanopia
241, 220, 238

Trichromacy



Original Color

240, 221, 233

Protanomaly

232, 224, 234

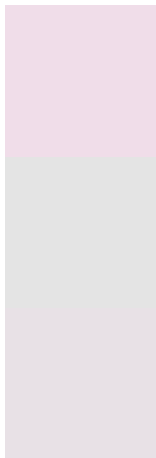
Deuteranomaly

243, 220, 233

Tritanomaly

241, 220, 236

Monochromacy



Original Color

240, 221, 233

Achromatopsia

228, 228, 228

Achromatomaly

232, 225, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 221, 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(240, 221, 233) looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 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(240, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 233) }
```

Border

The CSS property to change the border of an element to RGB 240, 221, 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(240, 221, 233) }
```

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

```
.border{ border-color:rgb(240, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 221, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 221, 233); box-shadow:4px 4px 4px 4px rgb(240, 221, 233) }
```

Background

The CSS property to change the background color of an element to RGB 240, 221, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 233) }
```

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

```
.background{ background-color: rgb(240,  
221, 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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