

Converting Colors

RGB(234, 221, 240)

Have a look what the booklet for
RGB(234, 221, 240) contains.

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Color

RGB(234, 221, 240)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EADDF0 |
| RGB | 234, 221, 240 |
| RGB Percent | 92%, 87%, 94% |
| CMY | 0.0824, 0.1333, 0.0588 |
| CMYK | 0.03, 0.08, 0.00, 0.06 |
| HSL | 281°, 39%, 90% |
| HSV | 281°, 8%, 94% |
| XYZ | 75.5163, 75.4966, 93.0302 |
| YIQ | 227.0530, 1.6490, 8.6650 |

Conversions

Conversions Part 2

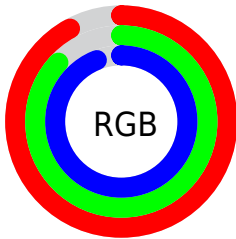
| Format | Color |
|-------------------------------------|-----------------------------|
| R_YB | 234, 221, 240 |
| Decimal | 15392240 |
| CIE Lab | 89.63, 7.82, -7.67 |
| CIE LCh | 90, 10.949, 315.544 |
| Yxy | 75.4966, 0.3094, 0.3094 |
| Android (android.graphics.Color) | 4293582320 (0xFFEADDFF) |
| YUV | 227.0530, 6.3829, 6.0925 |
| Hunter-Lab | 86.8888, 3.0816, -2.6586 |

Details

The RGB color **234, 221, 240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 240, 221**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 166, 184** is the 20% darker color. If you saturate the color by 10%, you get **226, 197, 240**, and if you desaturate by 10%, it is **242, 245, 240**.

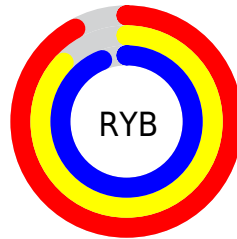
Distribution



Red (92%)

Green (87%)

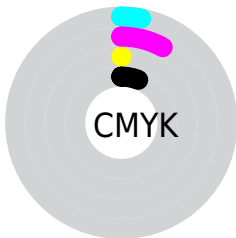
Blue (94%)



Red (92%)

Yellow (87%)

Blue (94%)

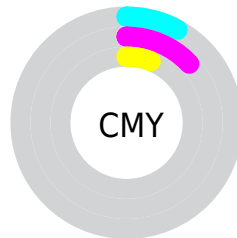


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 221, 240 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 234, 221, 240 by changing the saturation by 10% instead.

■ 234, 221, 240

255, 255, 255

■ 234, 221, 240

■ 206, 193, 212

■ 178, 166, 184

■ 152, 140, 157

■ 126, 114, 131

■ 101, 90, 106

■ 77, 66, 82


■ 54, 44, 59

■ 32, 23, 37

■ 8, 0, 16

 234, 221, 240


 234, 221, 240

 226, 197, 240


 242, 245, 240


 219, 173, 240

 249, 255, 240


 211, 149, 240

 255, 255, 240

 204, 125, 240

 196, 101, 240

 189, 77, 240

 181, 53, 240

 173, 29, 240

 166, 5, 240

Harmonies

Analogous

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



221, 224, 245



234, 221, 240



244, 219, 231

Triad

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



234, 221, 240



239, 223, 205



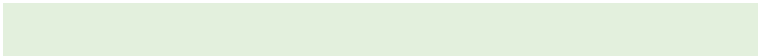
200, 232, 230

Complementary

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



234, 221, 240



227, 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.



206, 231, 220



234, 221, 240



228, 226, 205

Square

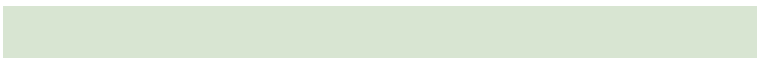
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 221, 240



246, 220, 211



216, 229, 210



201, 230, 240

Rectangle

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



234, 221, 240



247, 218, 224



216, 229, 210



201, 232, 227

Sweetspot

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



234, 221, 240



253, 250, 255



221, 227, 240



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 221, 240



247, 230, 255



240, 221, 237



116, 108, 120



126, 0, 184



38, 0, 56

Inverse Universe

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



240, 221, 227



255, 230, 238



221, 240, 224



120, 108, 112



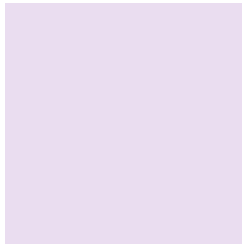
184, 0, 58



56, 0, 18

Previews

White Background



This preview shows how the RGB color 234, 221, 240 looks on a white background.

Color Contrast Check

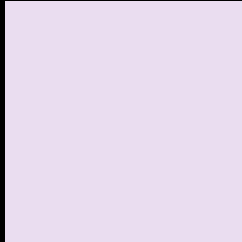
Large Text (above 18pt) WCAG AA × Fail

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 234, 221, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

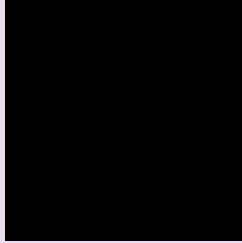
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

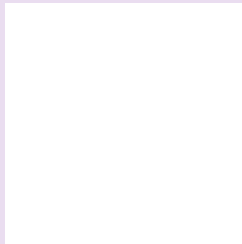
Any Text WCAG AAA ✓ Pass

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

RGB 234, 221, 240 Background



This preview shows how black text looks on a background with the RGB color 234, 221, 240.



This preview shows how white text looks on a background with the RGB color 234, 221, 240.

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
234, 221, 240

Protanopia
225, 224, 242

Deuteranopia
240, 219, 240



Tritanopia

234, 221, 239

Trichromacy



Original Color

234, 221, 240

Protanomaly

228, 223, 241

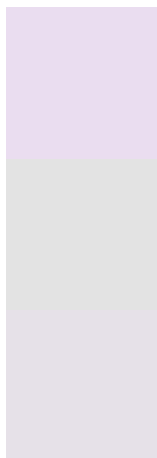
Deuteranomaly

238, 220, 240

Tritanomaly

234, 221, 239

Monochromacy



Original Color

234, 221, 240

Achromatopsia

227, 227, 227

Achromatomaly

230, 225, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 221, 240 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(234, 221, 240) looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 240)  
}
```

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(234, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 240) }
```

Border

The CSS property to change the border of an element to RGB 234, 221, 240 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(234, 221, 240) }
```

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

```
.border{ border-color:rgb(234, 221, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 234, 221, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 240) }
```

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

```
.background{ background-color: rgb(234,  
221, 240) }
```

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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