

Converting Colors

RGB(240, 221, 227)

Have a look what the booklet for
RGB(240, 221, 227) contains.

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Color

RGB(240, 221, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDE3
RGB	240, 221, 227
RGB Percent	94%, 87%, 89%
CMY	0.0588, 0.1333, 0.1098
CMYK	0.00, 0.08, 0.05, 0.06
HSL	341°, 39%, 90%
HSV	341°, 8%, 94%
XYZ	75.6568, 75.7842, 83.3133
YIQ	227.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

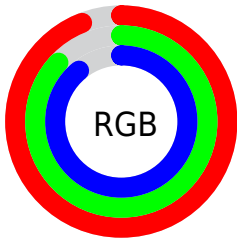
Format	Color
R _Y B	240, 221, 227
Decimal	15785443
CIE Lab	89.76, 7.52, -0.59
CIE LCh	90, 7.547, 355.552
Yxy	75.7842, 0.3223, 0.3228
Android (android.graphics.Color)	4293975523 (0xFFFF0DDE3)
YUV	227.3650, -0.1799, 11.0809
Hunter-Lab	87.0541, 2.7855, 4.1956

Details

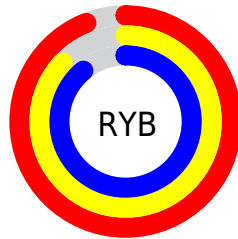
The RGB color **240, 221, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 240, 234**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 166, 172** is the 20% darker color. If you saturate the color by 10%, you get **240, 197, 211**, and if you desaturate by 10%, it is **240, 245, 243**.

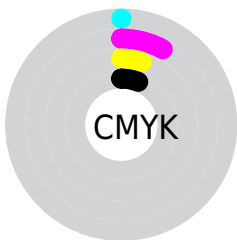
Distribution



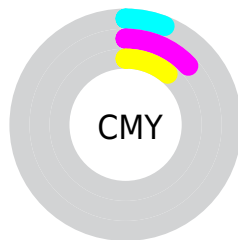
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 221, 227 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, 227 by changing the saturation by 10% instead.

 240, 221, 227


255, 255, 255

 240, 221, 227


 212, 193, 199


 184, 166, 172

 157, 140, 145

 131, 114, 120

 106, 90, 95

 81, 66, 71


 58, 44, 49

 36, 23, 28


 16, 0, 1

 240, 221, 227


 240, 221, 227


 240, 197, 211


 240, 245, 243


 240, 173, 194


 240, 255, 255

 240, 149, 178

 240, 125, 161

 240, 101, 145

 240, 77, 128

 240, 53, 112

 240, 29, 96

 240, 5, 79

Harmonies

Analogous

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



234, 222, 234



240, 221, 227



242, 221, 220

Triad

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



240, 221, 227



225, 227, 213



211, 229, 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, 227



221, 240, 234

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.



208, 230, 232



240, 221, 227



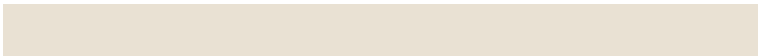
217, 229, 217

Square

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



240, 221, 227



233, 225, 211



211, 230, 224



217, 227, 240

Rectangle

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



240, 221, 227



240, 222, 216



211, 230, 224



209, 229, 236

Sweetspot

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



240, 221, 227



255, 250, 252



234, 221, 240



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

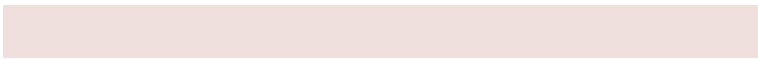
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 221, 227



255, 230, 238



240, 224, 221



120, 108, 112



184, 0, 58



56, 0, 18

Inverse Universe

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



240, 221, 227



255, 230, 238



221, 237, 240



120, 108, 112



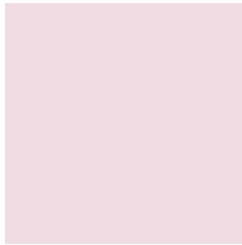
184, 0, 58



56, 0, 18

Previews

White Background



This preview shows how the RGB color 240, 221, 227 looks on a white background.

Color Contrast Check

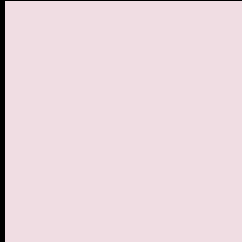
Large Text (above 18pt) WCAG AA × Fail

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, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

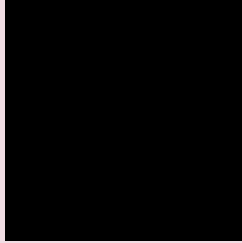
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

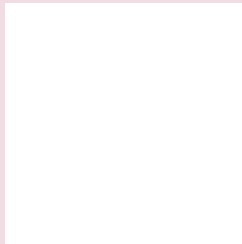
Any Text WCAG AAA ✓ Pass

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

RGB 240, 221, 227 Background



This preview shows how black text looks on a background with the RGB color 240, 221, 227.

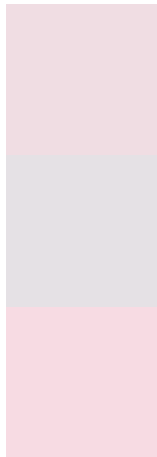


This preview shows how white text looks on a background with the RGB color 240, 221, 227.

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](#).

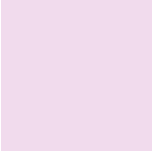
Dichromacy



Original Color
240, 221, 227

Protanopia
229, 225, 229

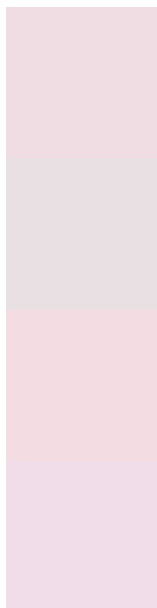
Deuteranopia
247, 219, 227



Tritanopia

241, 219, 237

Trichromacy



Original Color

240, 221, 227

Protanomaly

233, 224, 228

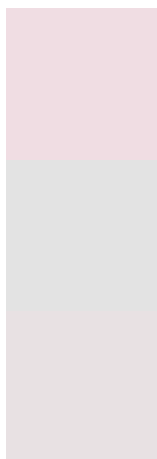
Deuteranomaly

244, 220, 227

Tritanomaly

241, 220, 233

Monochromacy



Original Color

240, 221, 227

Achromatopsia

227, 227, 227

Achromatomaly

232, 225, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 221, 227 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 227) }
```

Border

The CSS property to change the border of an element to RGB 240, 221, 227 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, 227) }
```

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

```
.border{ border-color:rgb(240, 221, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 240, 221, 227 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, 227) }
```

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

```
.background{ background-color: rgb(240,  
221, 227) }
```

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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