Converting Colors

RGB(240, 229, 238)

Have a look what the booklet for RGB(240, 229, 238) contains.

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Color

RGB(240, 229, 238)

Conversions

Format	Color
Hex	F0E5EE
RGB	240, 229, 238
RGB Percent	94%, 90%, 93%
CMY	0.0588, 0.1020, 0.0667
CMYK	0.00, 0.05, 0.01, 0.06
HSL	311°, 27%, 92%
HSV	311°, 5%, 94%
XYZ	79.3871, 80.7369, 92.2886
YIQ	233.3150, 3.6670, 5.1310

Conversions Part 1

Conversions

Conversions Part 2

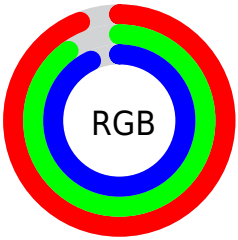
Format	Color
RYB	240, 229, 238
Decimal	15787502
CIELab	92.01, 5.30, -3.04
CIELCh	92, 6.109, 330.125
Yxy	80.7369, 0.3145, 0.3199
Android (android.graphics.Color)	4293977582 (0xFFF0E5EE)
YUV	233.3150, 2.3097, 5.8627
Hunter-Lab	89.8537, 0.4634, 2.0010

Details

The RGB color 240, 229, 238 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 229, 240, 231, and the grayscale version is 233, 233, 233.

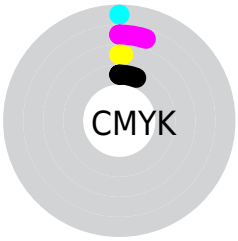
A 20% lighter version of the original color is 255, 255, 255, and 184, 174, 182 is the 20% darker color. If you saturate the color by 10%, you get 240, 205, 234, and if you desaturate by 10%, it is 240, 253, 242.

Distribution

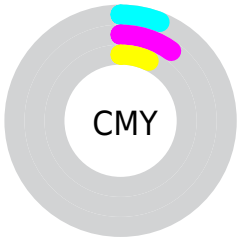


- Red (94%)
- Green (90%)
- Blue (93%)

- Red (94%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 229, 238 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, 229, 238 by changing the saturation by 10% instead.

240, 229, 238

255, 255, 255

240, 229, 238

212, 201, 210

184, 174, 182

157, 147, 155

131, 121, 129

106, 96, 104

82, 73, 80

59, 50, 57

37, 29, 36

16, 4, 14

240, 229, 238

240, 205, 234

240, 181, 229

240, 157, 225

240, 133, 221

240, 109, 216

240, 85, 212

240, 61, 207

240, 37, 203

240, 13, 199

240, 229, 238

240, 253, 242

240, 255, 247

240, 255, 251

240, 255, 255

Harmonies

Analogous

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

233, 231, 242

240, 229, 238

244, 228, 232

Triad

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

240, 229, 238

237, 232, 220

218, 235, 238

Complementary

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

240, 229, 238

229, 240, 231

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.

219, 236, 232

240, 229, 238

230, 234, 222

Square

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

240, 229, 238

243, 230, 222

224, 235, 226

221, 234, 242

Rectangle

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

240, 229, 238

245, 228, 228

224, 235, 226

218, 236, 236

Sweetspot

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

240, 229, 238

255, 252, 255

231, 229, 240

128, 126, 127

0, 0, 0

128, 128, 128

Same Dimension

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

240, 229, 238

255, 242, 253

240, 229, 233

120, 113, 119

184, 0, 150

56, 0, 46

Inverse Universe

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

240, 229, 238

255, 242, 253

229, 240, 236

120, 113, 119

184, 0, 150

56, 0, 46

Previews

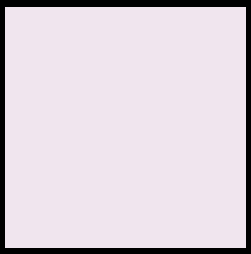
White Background

This preview shows how the RGB color 240, 229, 238 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



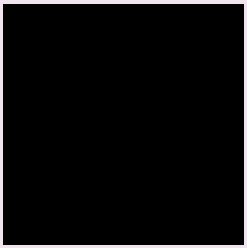
This preview shows how the RGB color 240, 229, 238 looks on a black background.

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, 229, 238 Background



This preview shows how black text looks on a background with the RGB color 240, 229, 238.

This preview shows how white text looks on a background with the RGB color 240, 229, 238.

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, 229, 238

Protanopia
234, 231, 239

Deuteranopia
251, 225, 239

Tritanopia
241, 228, 246

Trichromacy

Original Color
240, 229, 238

Protanomaly
236, 230, 239

Deuteranomaly
247, 226, 239

Tritanomaly
241, 228, 243

Monochromacy

Original Color
240, 229, 238

Achromatopsia
233, 233, 233

Achromatomaly
236, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 229, 238 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, 229, 238) looks like.

```
.text, #text, p{
    color:rgb(240, 229, 238)
}
```

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, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 229, 238) }
```

Border

The CSS property to change the border of an element to RGB 240, 229, 238 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, 229, 238) }
```

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

```
.border{ border-color:rgb(240, 229, 238) }
```

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

Here you see how a box with a 4 pixel rgb(240, 229, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 229, 238); box-shadow:4px 4px 4px 4px rgb(240, 229, 238) }
```

Background

The CSS property to change the background color of an element to RGB 240, 229, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 229, 238) }
```

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

```
.background{ background-color:rgb(240,
229, 238) }
```

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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