Converting Colors

RGB(240, 225, 237)

Have a look what the booklet for RGB(240, 225, 237) contains.

Color

RGB(240, 225, 237)

Conversions

Format	Color
Hex	F0E1ED
RGB	240, 225, 237
RGB Percent	94%, 88%, 93%
CMY	0.0588, 0.1176, 0.0706
CMYK	0.00, 0.06, 0.01, 0.06
HSL	312°, 33%, 91%
HSV	312°, 6%, 94%
XYZ	78.1465, 78.4901, 91.1521
YIQ	230.8530, 5.0880, 6.9120

Conversions Part 1

Conversions

Conversions Part 2

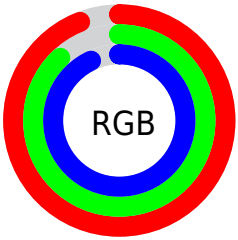
Format	Color
RYB	240, 225, 237
Decimal	15786477
CIELab	91.00, 7.19, -4.01
CIELCh	91, 8.231, 330.874
Yxy	78.4901, 0.3154, 0.3168
Android (android.graphics.Color)	4293976557 (0xFFF0E1ED)
YUV	230.8530, 3.0305, 8.0219
Hunter-Lab	88.5946, 2.4084, 1.0147

Details

The RGB color 240, 225, 237 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 225, 240, 228, and the grayscale version is 231, 231, 231.

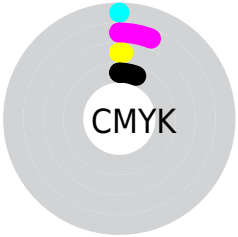
A 20% lighter version of the original color is 255, 255, 255, and 184, 170, 181 is the 20% darker color. If you saturate the color by 10%, you get 240, 201, 232, and if you desaturate by 10%, it is 240, 249, 242.

Distribution

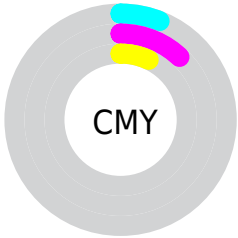


- Red (94%)
- Green (88%)
- Blue (93%)

- Red (94%)
- Yellow (88%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 225, 237 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, 225, 237 by changing the saturation by 10% instead.

240, 225, 237

255, 255, 255

240, 225, 237

212, 197, 209

184, 170, 181

157, 143, 154

131, 118, 128

106, 93, 103

82, 69, 79

59, 47, 56

37, 26, 35

17, 0, 13

240, 225, 237

240, 201, 232

240, 177, 227

240, 153, 223

240, 129, 218

240, 105, 213

240, 81, 208

240, 57, 203

240, 33, 199

240, 9, 194

240, 225, 237

240, 249, 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.

231, 227, 243

240, 225, 237

246, 224, 229

Triad

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

240, 225, 237

236, 229, 214

210, 234, 237

Complementary

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

240, 225, 237

225, 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.

212, 234, 229

240, 225, 237

227, 231, 216

Square

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

240, 225, 237

243, 226, 216

218, 233, 221

214, 232, 243

Rectangle

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

240, 225, 237

247, 224, 224

218, 233, 221

210, 234, 234

Sweetspot

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

240, 225, 237

255, 250, 254

228, 225, 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, 225, 237

255, 235, 251

240, 225, 230

120, 108, 117

184, 0, 147

56, 0, 45

Inverse Universe

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

240, 225, 237

255, 235, 251

225, 240, 235

120, 108, 117

184, 0, 147

56, 0, 45

Previews

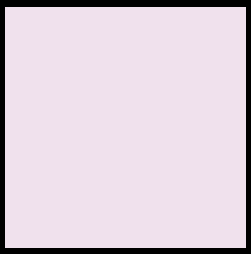
White Background

This preview shows how the RGB color 240, 225, 237 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



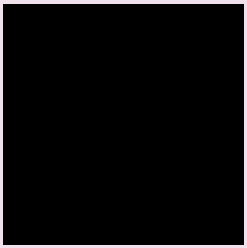
This preview shows how the RGB color 240, 225, 237 looks on a black background.

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, 225, 237 Background



This preview shows how black text looks on a background with the RGB color 240, 225, 237.

This preview shows how white text looks on a background with the RGB color 240, 225, 237.

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, 225, 237

Protanopia
231, 228, 239

Deuteranopia
248, 222, 238

Tritanopia
241, 224, 242

Trichromacy

Original Color
240, 225, 237

Protanomaly
234, 227, 238

Deuteranomaly
245, 223, 238

Tritanomaly
241, 224, 240

Monochromacy

Original Color
240, 225, 237

Achromatopsia
231, 231, 231

Achromatomaly
234, 229, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 225, 237 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, 225, 237) looks like.

```
.text, #text, p{
    color:rgb(240, 225, 237)
}
```

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, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 237) }
```

Border

The CSS property to change the border of an element to RGB 240, 225, 237 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, 225, 237) }
```

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

```
.border{ border-color:rgb(240, 225, 237) }
```

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

Here you see how a box with a 4 pixel rgb(240, 225, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 225, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 225, 237); box-shadow:4px 4px 4px 4px rgb(240, 225, 237) }
```

Background

The CSS property to change the background color of an element to RGB 240, 225, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 225, 237) }
```

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

```
.background{ background-color:rgb(240,
225, 237) }
```

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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