Converting Colors

RGB(240, 224, 226)

Have a look what the booklet for RGB(240, 224, 226) contains.

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Color

RGB(240, 224, 226)

Conversions

Format	Color
Hex	F0E0E2
RGB	240, 224, 226
RGB Percent	94%, 88%, 89%
CMY	0.0588, 0.1216, 0.1137
CMYK	0.00, 0.07, 0.06, 0.06
HSL	352°, 35%, 91%
HSV	352°, 7%, 94%
XYZ	76.3183, 77.3276, 82.8548
YIQ	229.0120, 8.8940, 4.0140

Conversions Part 1

Conversions

Conversions Part 2

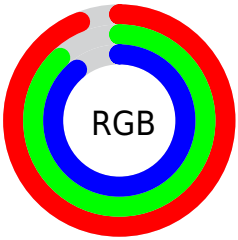
Format	Color
RYB	240, 224, 226
Decimal	15786210
CIELab	90.47, 5.80, 0.98
CIELCh	90, 5.880, 9.598
Yxy	77.3276, 0.3227, 0.3270
Android (android.graphics.Color)	4293976290 (0xFFF0E0E2)
YUV	229.0120, -1.4849, 9.6365
Hunter-Lab	87.9361, 1.0291, 5.6913

Details

The RGB color 240, 224, 226 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 224, 240, 238, and the grayscale version is 229, 229, 229.

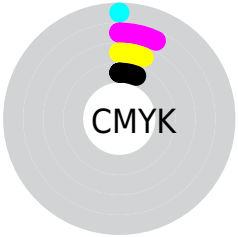
A 20% lighter version of the original color is 255, 255, 255, and 184, 169, 171 is the 20% darker color. If you saturate the color by 10%, you get 240, 200, 205, and if you desaturate by 10%, it is 240, 248, 247.

Distribution

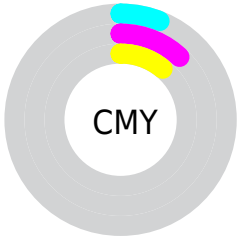


- Red (94%)
- Green (88%)
- Blue (89%)

- Red (94%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 224, 226 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, 224, 226 by changing the saturation by 10% instead.

240, 224, 226

255, 255, 255

240, 224, 226

212, 196, 198

184, 169, 171

157, 142, 144

131, 117, 119

106, 92, 94

81, 69, 70

58, 46, 48

37, 26, 27

17, 0, 0

240, 224, 226

240, 200, 205

240, 176, 184

240, 152, 163

240, 128, 142

240, 104, 121

240, 80, 100

240, 56, 79

240, 32, 58

240, 8, 37

240, 224, 226

240, 248, 247

240, 255, 255

Harmonies

Analogous

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

237, 224, 232

240, 224, 226

240, 225, 221

Triad

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

240, 224, 226

224, 230, 219

218, 229, 238

Complementary

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

240, 224, 226

224, 240, 238

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.

215, 231, 235

240, 224, 226

218, 231, 224

Square

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

240, 224, 226

231, 228, 217

215, 231, 229

224, 228, 239

Rectangle

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

240, 224, 226

238, 225, 218

215, 231, 229

217, 230, 237

Sweetspot

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

240, 224, 226

255, 250, 251

238, 224, 240

128, 125, 125

0, 0, 0

128, 128, 128

Same Dimension

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

240, 224, 226

255, 235, 237

240, 230, 224

120, 108, 109

184, 0, 23

56, 0, 7

Inverse Universe

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

240, 224, 226

255, 235, 237

224, 234, 240

120, 108, 109

184, 0, 23

56, 0, 7

Previews

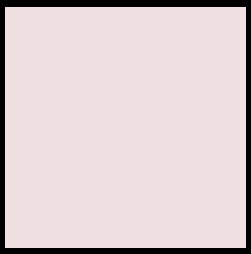
White Background

This preview shows how the RGB color 240, 224, 226 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



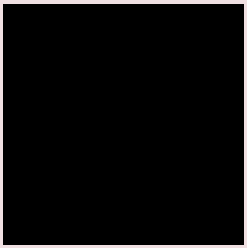
This preview shows how the RGB color 240, 224, 226 looks on a black background.

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, 224, 226 Background



This preview shows how black text looks on a background with the RGB color 240, 224, 226.

This preview shows how white text looks on a background with the RGB color 240, 224, 226.

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, 224, 226

Protanopia
232, 227, 227

Deuteranopia
250, 220, 227

Tritanopia
242, 222, 239

Trichromacy

Original Color
240, 224, 226

Protanomaly
235, 226, 227

Deuteranomaly
246, 221, 227

Tritanomaly
241, 223, 234

Monochromacy

Original Color
240, 224, 226

Achromatopsia
229, 229, 229

Achromatomaly
233, 227, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 224, 226 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, 224, 226) looks like.

```
.text, #text, p{
    color:rgb(240, 224, 226)
}
```

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, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 226) }
```

Border

The CSS property to change the border of an element to RGB 240, 224, 226 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, 224, 226) }
```

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

```
.border{ border-color:rgb(240, 224, 226) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 224, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 224, 226); box-shadow:4px 4px 4px 4px rgb(240, 224, 226) }
```

Background

The CSS property to change the background color of an element to RGB 240, 224, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 224, 226) }
```

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

```
.background{ background-color:rgb(240,
224, 226) }
```

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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