Converting Colors

RGB(240, 177, 227)

Have a look what the booklet for RGB(240, 177, 227) contains.

Color

RGB(240, 177, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F0B1E3
RGB	240, 177, 227
RGB Percent	94%, 69%, 89%
CMY	0.0588, 0.3059, 0.1098
CMYK	0.00, 0.26, 0.05, 0.06
HSL	312°, 68%, 82%
HSV	312°, 26%, 94%
XYZ	65.5224, 55.5156, 79.9352
YIQ	201.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

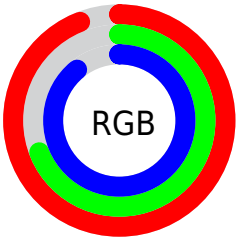
Format	Color
RYB	240, 177, 227
Decimal	15774179
CIELab	79.34, 30.76, -16.05
CIELCh	79, 34.691, 332.446
Yxy	55.5156, 0.3260, 0.2762
Android (android.graphics.Color)	4293964259 (0xFFF0B1E3)
YUV	201.5370, 12.5533, 33.7321
Hunter-Lab	74.5088, 26.5811, -11.4519

Details

The RGB color 240, 177, 227 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 177, 240, 190, and the grayscale version is 201, 201, 201.

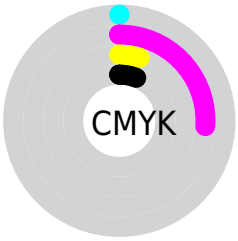
A 20% lighter version of the original color is 255, 233, 255, and 183, 124, 172 is the 20% darker color. If you saturate the color by 10%, you get 240, 153, 222, and if you desaturate by 10%, it is 240, 201, 232.

Distribution

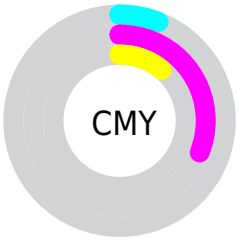


- Red (94%)
- Green (69%)
- Blue (89%)

- Red (94%)
- Yellow (69%)
- Blue (89%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 177, 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, 177, 227 by changing the saturation by 10% instead.

240, 177, 227

255, 255, 255

255, 233, 255

240, 177, 227

211, 150, 199

183, 124, 172

156, 98, 145

129, 74, 119

103, 50, 94

78, 26, 71

54, 2, 48

35, 0, 28

0, 0, 0

240, 177, 227

240, 153, 222

240, 129, 217

240, 105, 212

240, 81, 207

240, 57, 202

240, 33, 197

240, 9, 192

240, 0, 190

240, 177, 227

240, 201, 232

240, 225, 237

240, 249, 242

240, 255, 247

240, 255, 252

240, 255, 255

Harmonies

Analogous

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

204, 187, 251

240, 177, 227

255, 172, 195

Triad

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

240, 177, 227

216, 195, 132

89, 213, 230

Complementary

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

240, 177, 227

177, 240, 190

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.

108, 214, 198

240, 177, 227

182, 205, 141

Square

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

240, 177, 227

244, 184, 140

144, 212, 166

111, 208, 253

Rectangle

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

240, 177, 227

255, 173, 173

144, 212, 166

92, 214, 220

Sweetspot

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

240, 177, 227

255, 235, 251

190, 177, 240

128, 115, 125

0, 0, 0

128, 128, 128

Same Dimension

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

240, 177, 227

255, 173, 238

240, 177, 196

120, 108, 117

184, 0, 146

56, 0, 45

Inverse Universe

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

240, 177, 227

255, 173, 238

177, 240, 221

120, 108, 117

184, 0, 146

56, 0, 45

Previews

White Background

This preview shows how the RGB color 240, 177, 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, 177, 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, 177, 227 Background

This preview shows how black text looks on a background with the RGB color 240, 177, 227.

This preview shows how white text looks on a background with the RGB color 240, 177, 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, 177, 227

Protanopia
187, 195, 239

Deuteranopia
203, 192, 224

Tritanopia
236, 182, 197

Trichromacy

Original Color
240, 177, 227

Protanomaly
206, 188, 235

Deuteranomaly
216, 187, 225

Tritanomaly
237, 180, 208

Monochromacy

Original Color
240, 177, 227

Achromatopsia
202, 202, 202

Achromatomaly
216, 193, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 177, 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, 177, 227) looks like.

```
.text, #text, p{
    color:rgb(240, 177, 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, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 227) }
```

Border

The CSS property to change the border of an element to RGB 240, 177, 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, 177, 227) }
```

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

```
.border{ border-color:rgb(240, 177, 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, 177, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 177, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 177, 227); box-shadow:4px 4px 4px 4px rgb(240, 177, 227) }
```

Background

The CSS property to change the background color of an element to RGB 240, 177, 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, 177, 227) }
```

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

```
.background{ background-color:rgb(240,
177, 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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