Converting Colors

RGB(224, 180, 226)

Have a look what the booklet for RGB(224, 180, 226) contains.

Color

RGB(224, 180, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E0B4E2
RGB	224, 180, 226
RGB Percent	88%, 71%, 89%
CMY	0.1216, 0.2941, 0.1137
CMYK	0.01, 0.20, 0.00, 0.11
HSL	297°, 44%, 80%
HSV	297°, 20%, 89%
XYZ	60.7892, 53.9808, 79.1669
YIQ	198.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

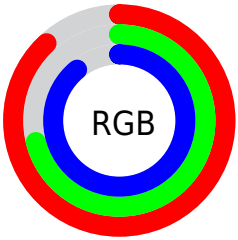
Format	Color
RYB	224, 180, 226
Decimal	14726370
CIELab	78.45, 23.68, -17.00
CIELCh	78, 29.145, 324.327
Yxy	53.9808, 0.3134, 0.2783
Android (android.graphics.Color)	4292916450 (0xFFE0B4E2)
YUV	198.4000, 13.6068, 22.4512
Hunter-Lab	73.4716, 19.1126, -12.4558

Details

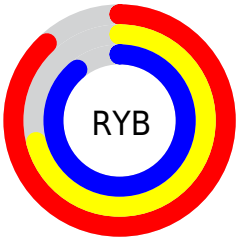
The RGB color 224, 180, 226 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 182, 226, 180, and the grayscale version is 198, 198, 198.

A 20% lighter version of the original color is 255, 236, 255, and 168, 127, 171 is the 20% darker color. If you saturate the color by 10%, you get 223, 157, 226, and if you desaturate by 10%, it is 225, 203, 226.

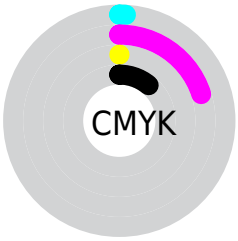
Distribution



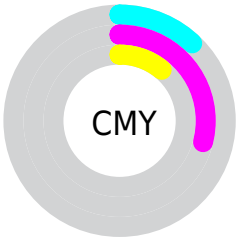
- Red (88%)
- Green (71%)
- Blue (89%)



- Red (88%)
- Yellow (71%)
- Blue (89%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 180, 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 224, 180, 226 by changing the saturation by 10% instead.

224, 180, 226

255, 255, 255

255, 236, 255

224, 180, 226

196, 153, 198

168, 127, 171

142, 102, 144

116, 77, 118

91, 54, 94

66, 31, 70

43, 10, 47

23, 0, 27

0, 0, 0

224, 180, 226

223, 157, 226

222, 135, 226

221, 112, 226

220, 90, 226

219, 67, 226

218, 44, 226

217, 22, 226

216, 0, 226

224, 180, 226

225, 203, 226

226, 225, 226

227, 248, 226

228, 255, 226

229, 255, 226

230, 255, 226

231, 255, 226

232, 255, 226

233, 255, 226

Harmonies

Analogous

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

191, 189, 243

224, 180, 226

244, 175, 200

Triad

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

224, 180, 226

219, 191, 140

113, 209, 215

Complementary

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

224, 180, 226

182, 226, 180

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.

130, 209, 188

224, 180, 226

191, 199, 144

Square

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

224, 180, 226

239, 182, 151

159, 206, 162

121, 205, 237

Rectangle

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

224, 180, 226

249, 174, 182

159, 206, 162

117, 209, 206

Sweetspot

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

224, 180, 226

254, 240, 255

180, 182, 226

127, 119, 128

0, 0, 0

128, 128, 128

Same Dimension

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

224, 180, 226

252, 194, 255

226, 180, 205

112, 101, 112

168, 0, 176

46, 0, 48

Inverse Universe

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

226, 180, 182

255, 194, 196

180, 226, 201

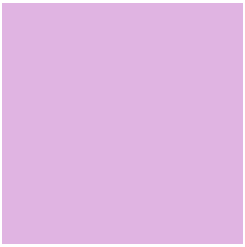
112, 101, 101

176, 0, 8

48, 0, 2

Previews

White Background



This preview shows how the RGB color 224, 180, 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 224, 180, 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 224, 180, 226 Background

This preview shows how black text looks on a background with the RGB color 224, 180, 226.

This preview shows how white text looks on a background with the RGB color 224, 180, 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
224, 180, 226

Protanopia
185, 193, 234

Deuteranopia
199, 189, 224

Tritanopia
220, 185, 199

Trichromacy

Original Color
224, 180, 226

Protanomaly
199, 188, 231

Deuteranomaly
208, 186, 225

Tritanomaly
221, 183, 209

Monochromacy

Original Color
224, 180, 226

Achromatopsia
198, 198, 198

Achromatomaly
207, 191, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 180, 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(224, 180, 226) looks like.

```
.text, #text, p{
    color:rgb(224, 180, 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(224, 180, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 226) }
```

Border

The CSS property to change the border of an element to RGB 224, 180, 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(224, 180, 226) }
```

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

```
.border{ border-color:rgb(224, 180, 226) }
```

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

Here you see how a box with a 4 pixel rgb(224, 180, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 180, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 180, 226); box-shadow:4px 4px 4px 4px rgb(224, 180, 226) }
```

Background

The CSS property to change the background color of an element to RGB 224, 180, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(224, 180, 226) }
```

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

```
.background{ background-color:rgb(224, 180, 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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