Converting Colors

RGB(228, 180, 212)

Have a look what the booklet for RGB(228, 180, 212) contains.

Color

RGB(228, 180, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D4
RGB	228, 180, 212
RGB Percent	89%, 71%, 83%
CMY	0.1059, 0.2941, 0.1686
CMYK	0.00, 0.21, 0.07, 0.11
HSL	320°, 47%, 80%
HSV	320°, 21%, 89%
XYZ	60.1998, 53.8900, 69.5163
YIQ	198.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

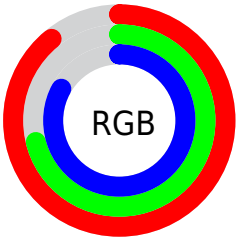
Format	Color
RYB	228, 180, 212
Decimal	14988500
CIELab	78.40, 22.51, -9.46
CIELCh	78, 24.415, 337.201
Yxy	53.8900, 0.3279, 0.2935
Android (android.graphics.Color)	4293178580 (0xFFE4B4D4)
YUV	198.0000, 6.9020, 26.3100
Hunter-Lab	73.4098, 17.9121, -4.7585

Details

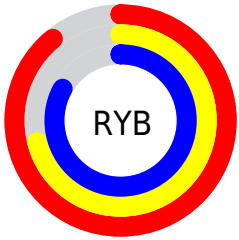
The RGB color 228, 180, 212 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 180, 228, 196, and the grayscale version is 198, 198, 198.

A 20% lighter version of the original color is 255, 236, 255, and 172, 127, 157 is the 20% darker color. If you saturate the color by 10%, you get 228, 157, 204, and if you desaturate by 10%, it is 228, 203, 220.

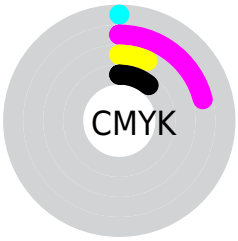
Distribution



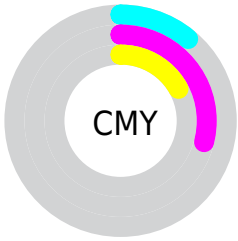
- Red (89%)
- Green (71%)
- Blue (83%)



- Red (89%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 180, 212 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 228, 180, 212 by changing the saturation by 10% instead.

228, 180, 212

255, 255, 255

255, 236, 255

228, 180, 212

200, 153, 184

172, 127, 157

145, 102, 131

119, 77, 106

94, 54, 82

70, 31, 59

46, 10, 37

25, 0, 16

0, 0, 0

228, 180, 212

228, 157, 204

228, 134, 197

228, 112, 189

228, 89, 182

228, 66, 174

228, 43, 166

228, 20, 159

228, 0, 152

228, 180, 212

228, 203, 220

228, 226, 227

228, 248, 235

228, 255, 242

228, 255, 250

228, 255, 255

Harmonies

Analogous

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

205, 186, 230

228, 180, 212

240, 178, 189

Triad

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

228, 180, 212

206, 194, 149

130, 206, 221

Complementary

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

228, 180, 212

180, 228, 196

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.

135, 207, 199

228, 180, 212

180, 201, 157

Square

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

228, 180, 212

226, 187, 153

155, 205, 176

146, 201, 235

Rectangle

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

228, 180, 212

240, 179, 174

155, 205, 176

130, 206, 214

Sweetspot

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

228, 180, 212

255, 240, 250

196, 180, 228

128, 119, 125

0, 0, 0

128, 128, 128

Same Dimension

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

228, 180, 212

255, 191, 234

228, 180, 188

115, 103, 111

179, 0, 119

51, 0, 34

Inverse Universe

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

228, 180, 212

255, 191, 234

180, 228, 220

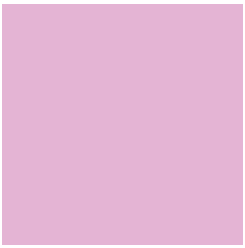
115, 103, 111

179, 0, 119

51, 0, 34

Previews

White Background

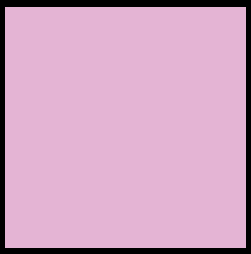


This preview shows how the RGB color 228, 180, 212 looks on a white background.

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



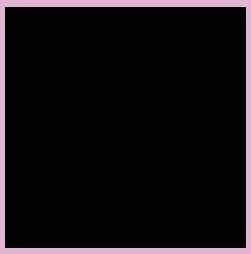
This preview shows how the RGB color 228, 180, 212 looks on a black background.

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 228, 180, 212 Background



This preview shows how black text looks on a background with the RGB color 228, 180, 212.

This preview shows how white text looks on a background with the RGB color 228, 180, 212.

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

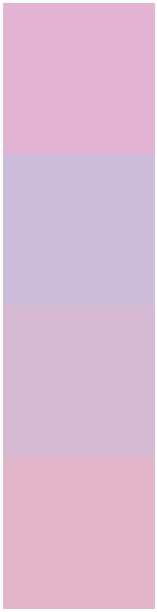
Original Color
228, 180, 212

Protanopia
190, 193, 220

Deuteranopia
206, 189, 210

Tritanopia
226, 183, 197

Trichromacy



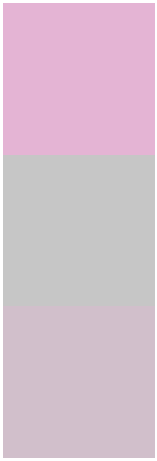
Original Color
228, 180, 212

Protanomaly
204, 188, 217

Deuteranomaly
214, 186, 211

Tritanomaly
227, 182, 202

Monochromacy



Original Color
228, 180, 212

Achromatopsia
198, 198, 198

Achromatomaly
209, 191, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 180, 212 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(228, 180, 212) looks like.

```
.text, #text, p{
    color:rgb(228, 180, 212)
}
```

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(228, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 212) }
```

Border

The CSS property to change the border of an element to RGB 228, 180, 212 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(228, 180, 212) }
```

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

```
.border{ border-color:rgb(228, 180, 212) }
```

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

Here you see how a box with a 4 pixel rgb(228, 180, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 180, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 180, 212); box-shadow:4px 4px 4px 4px rgb(228, 180, 212) }
```

Background

The CSS property to change the background color of an element to RGB 228, 180, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(228, 180, 212) }
```

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

```
.background{ background-color:rgb(228,
180, 212) }
```

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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