Converting Colors

RGB(228, 157, 219)

Have a look what the booklet for RGB(228, 157, 219) contains.

Color

RGB(228, 157, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E49DDB
RGB	228, 157, 219
RGB Percent	89%, 62%, 86%
CMY	0.1059, 0.3843, 0.1412
CMYK	0.00, 0.31, 0.04, 0.11
HSL	308°, 57%, 75%
HSV	308°, 31%, 89%
XYZ	56.8381, 45.7224, 72.8474
YIQ	185.2970, 22.4140, 34.3340

Conversions

Conversions Part 2

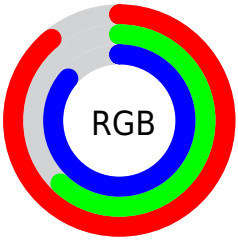
Format	Color
RYB	228, 157, 219
Decimal	14982619
CIELab	73.37, 36.05, -20.85
CIELCh	73, 41.646, 329.964
Yxy	45.7224, 0.3240, 0.2607
Android (android.graphics.Color)	4293172699 (0xFFE49DDB)
YUV	185.2970, 16.6156, 37.4505
Hunter-Lab	67.6183, 31.7100, -16.5422

Details

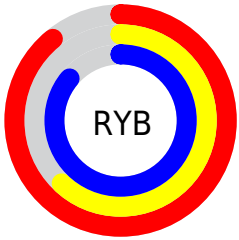
The RGB color 228, 157, 219 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 157, 228, 166, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 255, 212, 255, and 172, 104, 164 is the 20% darker color. If you saturate the color by 10%, you get 228, 134, 216, and if you desaturate by 10%, it is 228, 180, 222.

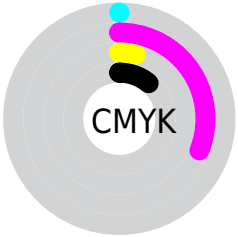
Distribution



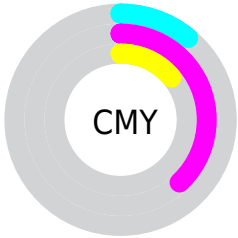
- Red (89%)
- Green (62%)
- Blue (86%)



- Red (89%)
- Yellow (62%)
- Blue (86%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (38%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 157, 219 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, 157, 219 by changing the saturation by 10% instead.

228, 157, 219

255, 255, 255

255, 212, 255

255, 241, 255

228, 157, 219

199, 130, 191

172, 104, 164

144, 79, 138

118, 55, 112

92, 30, 87

67, 3, 64

44, 0, 42

9, 0, 20

0, 0, 0

228, 157, 219

228, 134, 216

228, 111, 213

228, 89, 210

228, 66, 207

228, 43, 205

228, 20, 202

228, 0, 199

228, 157, 219

228, 180, 222

228, 203, 225

228, 225, 228

228, 248, 231

228, 255, 233

228, 255, 236

228, 255, 239

228, 255, 242

228, 255, 245

Harmonies

Analogous

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

184, 170, 246

228, 157, 219

251, 150, 182

Triad

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

228, 157, 219

205, 178, 103

0, 200, 217

Complementary

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

228, 157, 219

157, 228, 166

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.

62, 200, 179

228, 157, 219

165, 189, 113

Square

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

228, 157, 219

236, 165, 115

119, 197, 141

41, 194, 245

Rectangle

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

228, 157, 219

254, 151, 156

119, 197, 141

0, 200, 205

Sweetspot

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

228, 157, 219

255, 232, 252

165, 157, 228

128, 113, 126

0, 0, 0

128, 128, 128

Same Dimension

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

228, 157, 219

255, 161, 243

228, 157, 184

115, 103, 113

179, 0, 156

51, 0, 45

Inverse Universe

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

228, 157, 219

255, 161, 243

157, 228, 201

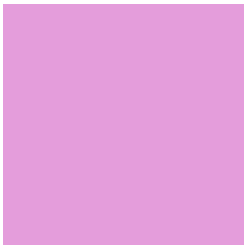
115, 103, 113

179, 0, 156

51, 0, 45

Previews

White Background

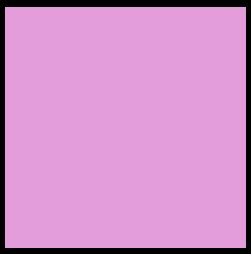


This preview shows how the RGB color 228, 157, 219 looks on a white background.

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



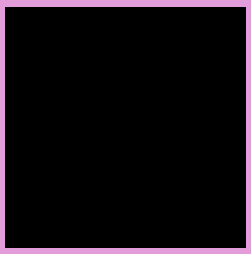
This preview shows how the RGB color 228, 157, 219 looks on a black background.

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, 157, 219 Background



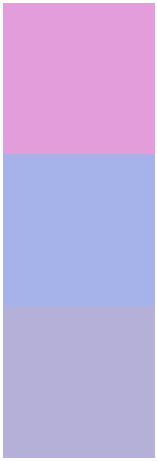
This preview shows how black text looks on a background with the RGB color 228, 157, 219.

This preview shows how white text looks on a background with the RGB color 228, 157, 219.

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



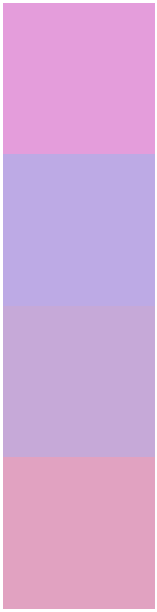
Original Color
228, 157, 219

Protanopia
166, 178, 234

Deuteranopia
181, 176, 215

Tritanopia
223, 165, 178

Trichromacy



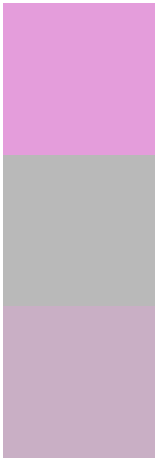
Original Color
228, 157, 219

Protanomaly
189, 170, 229

Deuteranomaly
198, 169, 216

Tritanomaly
225, 162, 193

Monochromacy



Original Color
228, 157, 219

Achromatopsia
185, 185, 185

Achromatomaly
201, 175, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 157, 219 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, 157, 219) looks like.

```
.text, #text, p{
    color:rgb(228, 157, 219)
}
```

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, 157, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 157, 219) }
```

Border

The CSS property to change the border of an element to RGB 228, 157, 219 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, 157, 219) }
```

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

```
.border{ border-color:rgb(228, 157, 219) }
```

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

Here you see how a box with a 4 pixel rgb(228, 157, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 157, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 157, 219); box-shadow:4px 4px 4px 4px rgb(228, 157, 219) }
```

Background

The CSS property to change the background color of an element to RGB 228, 157, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(228, 157, 219) }
```

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

```
.background{ background-color:rgb(228,
157, 219) }
```

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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