Converting Colors

RGB(228, 221, 238)

Have a look what the booklet for RGB(228, 221, 238) contains.

Color

RGB(228, 221, 238)

Conversions

Format	Color
Hex	E4DDEE
RGB	228, 221, 238
RGB Percent	89%, 87%, 93%
CMY	0.1059, 0.1333, 0.0667
CMYK	0.04, 0.07, 0.00, 0.07
HSL	265°, 33%, 90%
HSV	265°, 7%, 93%
XYZ	73.2840, 74.3799, 91.3832
YIQ	225.0310, -1.2850, 6.7710

Conversions Part 1

Conversions

Conversions Part 2

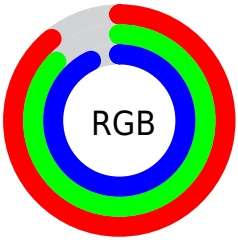
Format	Color
RYB	228, 221, 238
Decimal	14999022
CIELab	89.10, 5.46, -7.44
CIELCh	89, 9.233, 306.270
Yxy	74.3799, 0.3066, 0.3112
Android (android.graphics.Color)	4293189102 (0xFFE4DDEE)
YUV	225.0310, 6.3937, 2.6038
Hunter-Lab	86.2438, 0.7502, -2.4525

Details

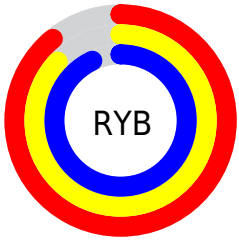
The RGB color 228, 221, 238 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 231, 238, 221, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 255, 255, 255, and 173, 166, 182 is the 20% darker color. If you saturate the color by 10%, you get 214, 197, 238, and if you desaturate by 10%, it is 242, 245, 238.

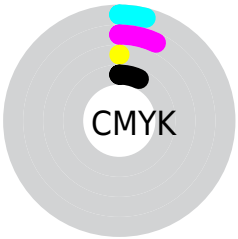
Distribution



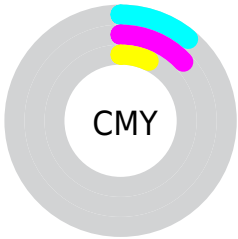
- Red (89%)
- Green (87%)
- Blue (93%)



- Red (89%)
- Yellow (87%)
- Blue (93%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 221, 238 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, 221, 238 by changing the saturation by 10% instead.

228, 221, 238

255, 255, 255

228, 221, 238

200, 193, 210

173, 166, 182

146, 140, 155

120, 114, 129

96, 90, 104

72, 66, 80

49, 44, 57

28, 24, 36

0, 0, 14

228, 221, 238

214, 197, 238

200, 173, 238

186, 150, 238

172, 126, 238

158, 102, 238

144, 78, 238

130, 54, 238

116, 31, 238

102, 7, 238

228, 221, 238

242, 245, 238

255, 255, 238

Harmonies

Analogous

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

217, 224, 241

228, 221, 238

237, 219, 231

Triad

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

228, 221, 238

238, 221, 208

204, 229, 225

Complementary

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

228, 221, 238

231, 238, 221

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.

210, 228, 216

228, 221, 238

229, 224, 206

Square

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

228, 221, 238

243, 219, 214

219, 227, 210

203, 229, 234

Rectangle

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

228, 221, 238

241, 218, 225

219, 227, 210

205, 229, 222

Sweetspot

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

228, 221, 238

252, 250, 255

221, 231, 238

126, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

228, 221, 238

242, 232, 255

236, 221, 238

113, 108, 120

76, 0, 184

23, 0, 56

Inverse Universe

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

238, 221, 231

255, 232, 246

223, 238, 221

120, 108, 115

184, 0, 108

56, 0, 33

Previews

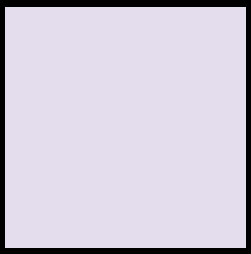
White Background

This preview shows how the RGB color 228, 221, 238 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



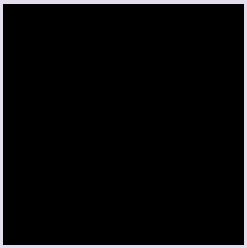
This preview shows how the RGB color 228, 221, 238 looks on a black background.

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, 221, 238 Background



This preview shows how black text looks on a background with the RGB color 228, 221, 238.

This preview shows how white text looks on a background with the RGB color 228, 221, 238.

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, 221, 238

Protanopia
223, 222, 239

Deuteranopia
239, 217, 239

Tritanopia
228, 221, 238

Trichromacy

Original Color
228, 221, 238

Protanomaly
225, 222, 239

Deuteranomaly
235, 218, 239

Tritanomaly
228, 221, 238

Monochromacy

Original Color
228, 221, 238

Achromatopsia
225, 225, 225

Achromatomaly
226, 224, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 221, 238 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, 221, 238) looks like.

```
.text, #text, p{
    color:rgb(228, 221, 238)
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 238) }
```

Border

The CSS property to change the border of an element to RGB 228, 221, 238 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, 221, 238) }
```

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

```
.border{ border-color:rgb(228, 221, 238) }
```

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

Here you see how a box with a 4 pixel rgb(228, 221, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 221, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 221, 238); box-shadow:4px 4px 4px 4px rgb(228, 221, 238) }
```

Background

The CSS property to change the background color of an element to RGB 228, 221, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(228, 221, 238) }
```

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

```
.background{ background-color:rgb(228,
221, 238) }
```

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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