Converting Colors

RGB(228, 220, 233)

Have a look what the booklet for RGB(228, 220, 233) contains.

Color

RGB(228, 220, 233)

Conversions

Format	Color
	Conversions Part 1
Hex	E4DCE9
RGB	228, 220, 233
RGB Percent	89%, 86%, 91%
CMY	0.1059, 0.1373, 0.0863
CMYK	0.02, 0.06, 0.00, 0.09
HSL	277°, 23%, 89%
HSV	277°, 6%, 91%
XYZ	72.2961, 73.5636, 87.4796
YIQ	223.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

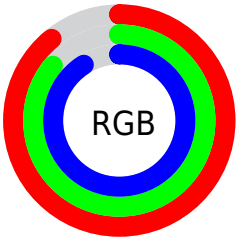
Format	Color
RYB	228, 220, 233
Decimal	14998761
CIELab	88.72, 5.06, -5.38
CIELCh	89, 7.386, 313.202
Yxy	73.5636, 0.3098, 0.3153
Android (android.graphics.Color)	4293188841 (0xFFE4DCE9)
YUV	223.8740, 4.4991, 3.6185
Hunter-Lab	85.7692, 0.3641, -0.4339

Details

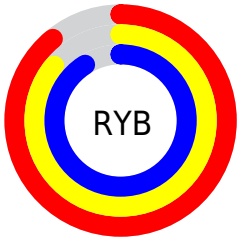
The RGB color 228, 220, 233 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 225, 233, 220, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 255, 255, 255, and 173, 165, 177 is the 20% darker color. If you saturate the color by 10%, you get 219, 197, 233, and if you desaturate by 10%, it is 237, 243, 233.

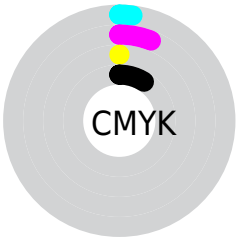
Distribution



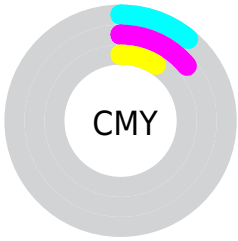
- Red (89%)
- Green (86%)
- Blue (91%)



- Red (89%)
- Yellow (86%)
- Blue (91%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 220, 233 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, 220, 233 by changing the saturation by 10% instead.

228, 220, 233

255, 255, 255

228, 220, 233

200, 192, 205

173, 165, 177

146, 139, 151

120, 113, 125

96, 89, 100

72, 65, 76

49, 43, 53

28, 23, 32

0, 0, 8

228, 220, 233

219, 197, 233

210, 173, 233

201, 150, 233

192, 127, 233

183, 104, 233

174, 80, 233

165, 57, 233

156, 34, 233

147, 10, 233

228, 220, 233

237, 243, 233

246, 255, 233

255, 255, 233

255, 255, 233

Harmonies

Analogous

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

219, 222, 236

228, 220, 233

235, 218, 227

Triad

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

228, 220, 233

233, 221, 209

206, 227, 226

Complementary

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

228, 220, 233

225, 233, 220

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, 227, 218

228, 220, 233

225, 223, 209

Square

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

228, 220, 233

237, 219, 213

217, 225, 212

207, 226, 232

Rectangle

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

228, 220, 233

238, 218, 222

217, 225, 212

207, 227, 223

Sweetspot

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

228, 220, 233

253, 250, 255

220, 225, 233

127, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

228, 220, 233

248, 237, 255

233, 220, 232

114, 108, 117

111, 0, 181

33, 0, 54

Inverse Universe

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

233, 220, 225

255, 237, 244

220, 233, 221

117, 108, 112

181, 0, 70

54, 0, 21

Previews

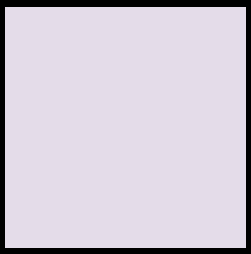
White Background

This preview shows how the RGB color 228, 220, 233 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



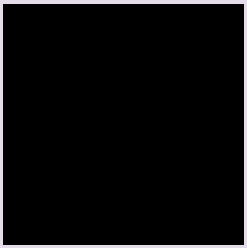
This preview shows how the RGB color 228, 220, 233 looks on a black background.

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, 220, 233 Background



This preview shows how black text looks on a background with the RGB color 228, 220, 233.

This preview shows how white text looks on a background with the RGB color 228, 220, 233.

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, 220, 233

Protanopia
223, 221, 234

Deuteranopia
239, 216, 234

Tritanopia
229, 219, 237

Trichromacy

Original Color
228, 220, 233

Protanomaly
225, 221, 234

Deuteranomaly
235, 217, 234

Tritanomaly
229, 219, 236

Monochromacy

Original Color
228, 220, 233

Achromatopsia
224, 224, 224

Achromatomaly
225, 223, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 220, 233 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, 220, 233) looks like.

```
.text, #text, p{
    color:rgb(228, 220, 233)
}
```

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, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 233) }
```

Border

The CSS property to change the border of an element to RGB 228, 220, 233 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, 220, 233) }
```

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

```
.border{ border-color:rgb(228, 220, 233) }
```

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

Here you see how a box with a 4 pixel rgb(228, 220, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 220, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 220, 233); box-shadow:4px 4px 4px 4px rgb(228, 220, 233) }
```

Background

The CSS property to change the background color of an element to RGB 228, 220, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(228, 220, 233) }
```

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

```
.background{ background-color:rgb(228,
220, 233) }
```

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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