

Converting Colors

RGB(227, 220, 230)

Have a look what the booklet for
RGB(227, 220, 230) contains.

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Color

RGB(227, 220, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCE6
RGB	227, 220, 230
RGB Percent	89%, 86%, 90%
CMY	0.1098, 0.1373, 0.0980
CMYK	0.01, 0.04, 0.00, 0.10
HSL	282°, 17%, 88%
HSV	282°, 4%, 90%
XYZ	71.5547, 73.2305, 85.2265
YIQ	223.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

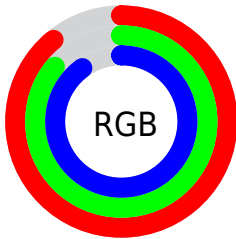
Format	Color
R _Y B	227, 220, 230
Decimal	14933222
CIE Lab	88.56, 4.17, -4.05
CIE LCh	89, 5.813, 315.880
Yxy	73.2305, 0.3111, 0.3184
Android (android.graphics.Color)	4293123302 (0xFFE3DCE6)
YUV	223.2330, 3.3361, 3.3037
Hunter-Lab	85.5748, -0.5004, 0.8537

Details

The RGB color `227, 220, 230` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `223, 230, 220`, and the grayscale version is `223, 223, 223`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 165, 175` is the 20% darker color. If you saturate the color by 10%, you get `220, 197, 230`, and if you desaturate by 10%, it is `234, 243, 230`.

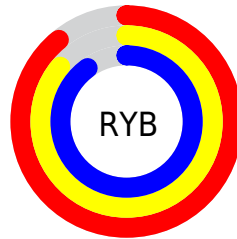
Distribution



Red (89%)

Green (86%)

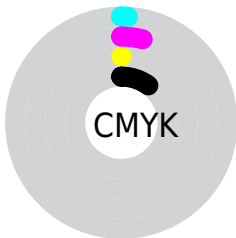
Blue (90%)



Red (89%)

Yellow (86%)

Blue (90%)

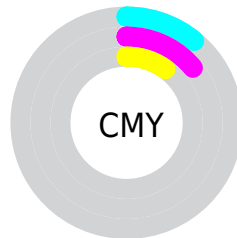


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 220, 230 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 227, 220, 230 by changing the saturation by 10% instead.

■ 227, 220, 230

255, 255, 255

■ 227, 220, 230

■ 199, 192, 202

■ 172, 165, 175

■ 145, 139, 148

■ 119, 113, 122

■ 95, 89, 97

■ 71, 65, 74


■ 49, 43, 51

■ 28, 23, 30

■ 0, 0, 4

 227, 220, 230

 227, 220, 230

 220, 197, 230

 234, 243, 230

 213, 174, 230


 241, 255, 230

 206, 151, 230

 248, 255, 230


 199, 128, 230

 255, 255, 230


 192, 105, 230

 255, 255, 230

 186, 82, 230

 179, 59, 230

 172, 36, 230

 165, 13, 230

Harmonies

Analogous

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



220, 222, 233



227, 220, 230



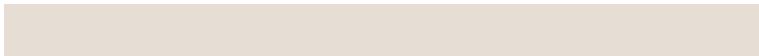
232, 219, 225

Triad

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



227, 220, 230



230, 221, 212



209, 226, 225

Complementary

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



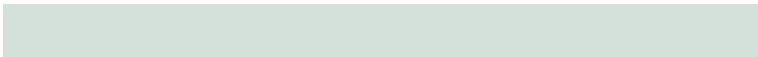
227, 220, 230



223, 230, 220

Split Complementary

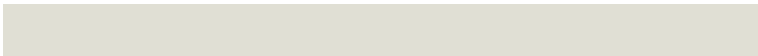
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212, 225, 219



227, 220, 230



224, 223, 212

Square

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



227, 220, 230



234, 219, 215



217, 224, 214



210, 225, 230

Rectangle

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



227, 220, 230



234, 219, 221



217, 224, 214



210, 226, 223

Sweetspot

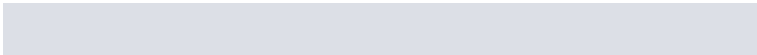
The Sweet Spot groups the original color and five complimentary colors.



227, 220, 230



254, 252, 255



220, 223, 230



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 220, 230



251, 242, 255



230, 220, 228



113, 108, 115



125, 0, 179



36, 0, 51

Inverse Universe

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



230, 220, 223



255, 242, 246



220, 230, 222



115, 108, 110



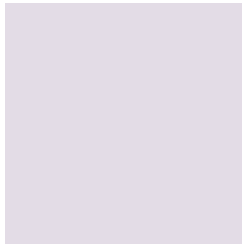
179, 0, 54



51, 0, 15

Previews

White Background



This preview shows how the RGB color 227, 220, 230 looks on a white background.

Color Contrast Check

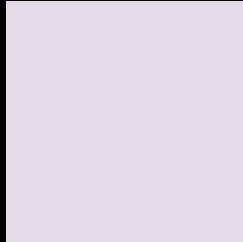
Large Text (above 18pt) WCAG AA × Fail

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 227, 220, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

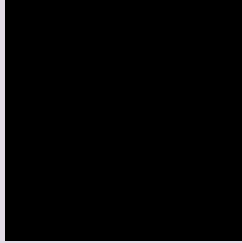
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

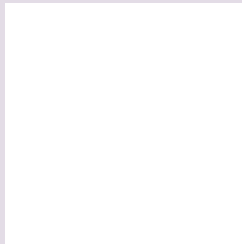
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 227, 220, 230 Background



This preview shows how black text looks on a background with the RGB color 227, 220, 230.

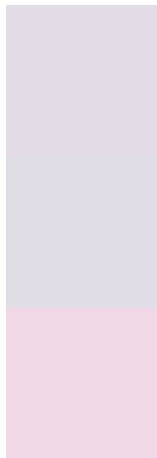


This preview shows how white text looks on a background with the RGB color 227, 220, 230.

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](#).

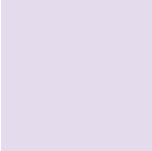
Dichromacy



Original Color
227, 220, 230

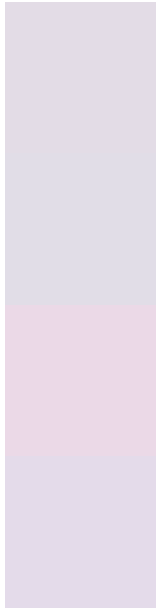
Protanopia
224, 221, 231

Deuteranopia
240, 216, 231



Tritanopia
228, 219, 236

Trichromacy



Original Color

227, 220, 230

Protanomaly

225, 221, 231

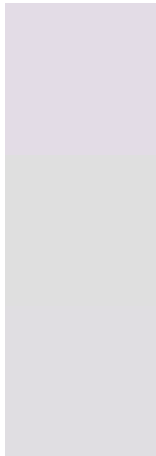
Deuteranomaly

235, 217, 231

Tritanomaly

228, 219, 234

Monochromacy



Original Color

227, 220, 230

Achromatopsia

223, 223, 223

Achromatomaly

224, 222, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 220, 230 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(227, 220, 230)` looks like.

```
.text, #text, p{  
  color:rgb(227, 220, 230)  
}
```

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(227, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 230) }
```

Border

The CSS property to change the border of an element to RGB 227, 220, 230 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(227, 220, 230) }
```

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

```
.border{ border-color:rgb(227, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 227, 220, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 230) }
```

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

```
.background{ background-color: rgb(227,  
220, 230) }
```

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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