

Converting Colors

RGB(231, 223, 230)

Have a look what the booklet for
RGB(231, 223, 230) contains.

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Color

RGB(231, 223, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E7DFE6
RGB	231, 223, 230
RGB Percent	91%, 87%, 90%
CMY	0.0941, 0.1255, 0.0980
CMYK	0.00, 0.03, 0.00, 0.09
HSL	308°, 14%, 89%
HSV	308°, 3%, 91%
XYZ	73.6256, 75.4774, 85.5510
YIQ	226.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

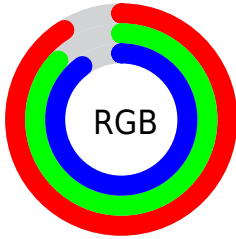
Format	Color
R_{YB}	231, 223, 230
Decimal	15196134
CIE Lab	89.62, 3.96, -2.46
CIE LCh	90, 4.656, 328.178
Yxy	75.4774, 0.3138, 0.3217
Android (android.graphics.Color)	4293386214 (0xFFE7DFE6)
YUV	226.1900, 1.8783, 4.2184
Hunter-Lab	86.8778, -0.7641, 2.4299

Details

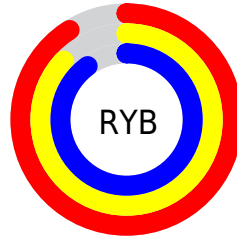
The RGB color **231, 223, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 231, 224**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 168, 175** is the 20% darker color. If you saturate the color by 10%, you get **231, 200, 227**, and if you desaturate by 10%, it is **231, 246, 233**.

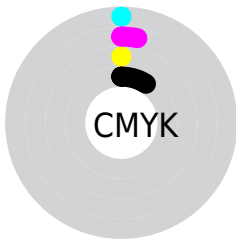
Distribution



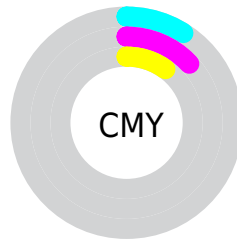
- Red (91%)
- Green (87%)
- Blue (90%)



- Red (91%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 223, 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 231, 223, 230 by changing the saturation by 10% instead.

■ 231, 223, 230

255, 255, 255

■ 231, 223, 230

■ 203, 195, 202

■ 175, 168, 175

■ 149, 141, 148

■ 123, 116, 122

■ 98, 91, 97

■ 74, 68, 74


■ 52, 46, 51


■ 31, 25, 30


■ 4, 0, 4


 231, 223, 230


 231, 223, 230

 231, 200, 227


 231, 246, 233


 231, 177, 224


 231, 255, 236


 231, 154, 221


 231, 255, 239

 231, 131, 218


 231, 255, 242

 231, 107, 216


 231, 255, 244

 231, 84, 213


 231, 255, 247

 231, 61, 210

 231, 255, 250

 231, 38, 207

 231, 255, 253

 231, 15, 204

 231, 255, 255

Harmonies

Analogous

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



226, 224, 233



231, 223, 230



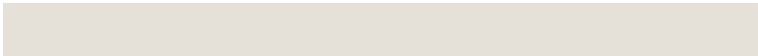
234, 222, 226

Triad

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



231, 223, 230



230, 225, 216



215, 228, 229

Complementary

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



231, 223, 230



223, 231, 224

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.



216, 228, 225



231, 223, 230



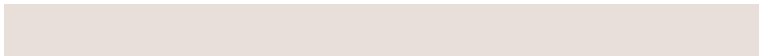
224, 226, 217

Square

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



231, 223, 230



233, 223, 218



219, 227, 220



216, 227, 233

Rectangle

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



231, 223, 230



235, 222, 223



219, 227, 220



215, 228, 228

Sweetspot

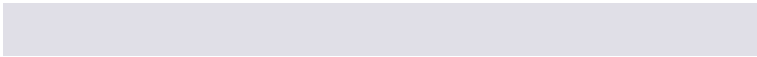
The Sweet Spot groups the original color and five complimentary colors.



231, 223, 230



255, 252, 255



224, 223, 231



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



231, 223, 230



255, 245, 254



231, 223, 226



115, 109, 114



179, 0, 156



51, 0, 45

Inverse Universe

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



231, 223, 230



255, 245, 254



223, 231, 228



115, 109, 114



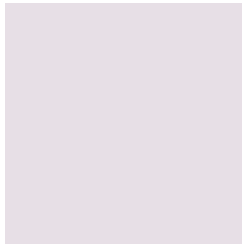
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 231, 223, 230 looks on a white background.

Color Contrast Check

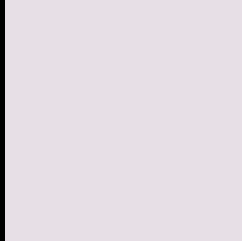
Large Text (above 18pt) WCAG AA × Fail

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 231, 223, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

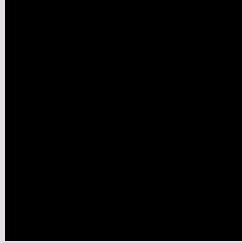
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

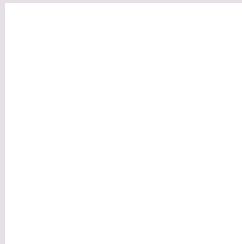
Any Text WCAG AAA ✓ Pass

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

RGB 231, 223, 230 Background



This preview shows how black text looks on a background with the RGB color 231, 223, 230.

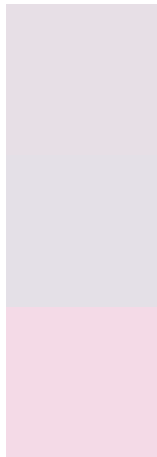


This preview shows how white text looks on a background with the RGB color 231, 223, 230.

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
231, 223, 230

Protanopia
228, 224, 231

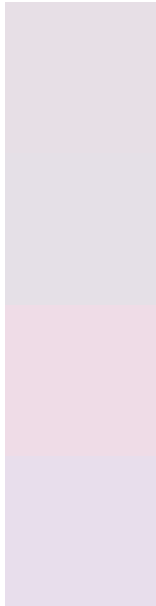
Deuteranopia
244, 218, 231



Tritanopia

232, 222, 239

Trichromacy



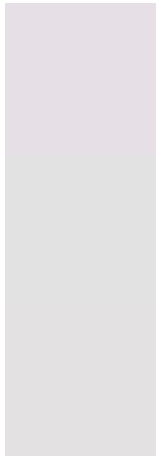
Original Color
231, 223, 230

Protanomaly
229, 224, 231

Deuteranomaly
239, 220, 231

Tritanomaly
232, 222, 236

Monochromacy



Original Color
231, 223, 230

Achromatopsia
226, 226, 226

Achromatomaly
228, 225, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 223, 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(231, 223, 230) looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 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(231, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 230) }
```

Border

The CSS property to change the border of an element to RGB 231, 223, 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(231, 223, 230) }
```

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

```
.border{ border-color:rgb(231, 223, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 231, 223, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 230) }
```

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

```
.background{ background-color: rgb(231,  
223, 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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