

Converting Colors

RGB(231, 219, 222)

Have a look what the booklet for
RGB(231, 219, 222) contains.

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Color

RGB(231, 219, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E7DBDE
RGB	231, 219, 222
RGB Percent	91%, 86%, 87%
CMY	0.0941, 0.1412, 0.1294
CMYK	0.00, 0.05, 0.04, 0.09
HSL	345°, 20%, 88%
HSV	345°, 5%, 91%
XYZ	71.4713, 72.9259, 79.4164
YIQ	222.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

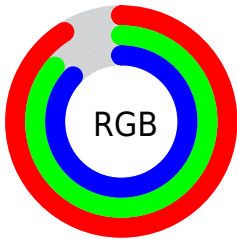
Format	Color
R _Y B	231, 219, 222
Decimal	15195102
CIE Lab	88.41, 4.62, -0.01
CIE LCh	88, 4.622, 359.883
Yxy	72.9259, 0.3193, 0.3258
Android (android.graphics.Color)	4293385182 (0xFFE7DBDE)
YUV	222.9300, -0.4585, 7.0774
Hunter-Lab	85.3967, -0.0515, 4.6397

Details

The RGB color **231, 219, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 231, 228**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 164, 167** is the 20% darker color. If you saturate the color by 10%, you get **231, 196, 205**, and if you desaturate by 10%, it is **231, 242, 239**.

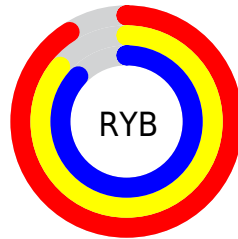
Distribution



Red (91%)

Green (86%)

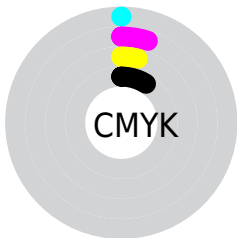
Blue (87%)



Red (91%)

Yellow (86%)

Blue (87%)

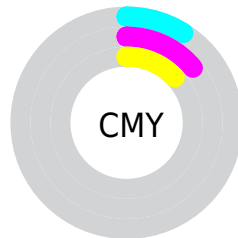


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 219, 222 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, 219, 222 by changing the saturation by 10% instead.

■ 231, 219, 222

255, 255, 255

■ 231, 219, 222

■ 203, 191, 194

■ 175, 164, 167

■ 149, 138, 141

■ 123, 112, 115

■ 98, 88, 91

■ 74, 65, 67


■ 52, 43, 45


■ 30, 22, 24


■ 0, 0, 0

 231, 219, 222


 231, 219, 222


 231, 196, 205


 231, 242, 239


 231, 173, 187


 231, 255, 255


 231, 150, 170

 231, 127, 153

 231, 104, 135

 231, 80, 118

 231, 57, 101

 231, 34, 83

 231, 11, 66

Harmonies

Analogous

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



228, 220, 226



231, 219, 222



232, 219, 218

Triad

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



231, 219, 222



221, 223, 214



213, 224, 229

Complementary

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



231, 219, 222



219, 231, 228

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.



211, 224, 226



231, 219, 222



216, 224, 217

Square

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



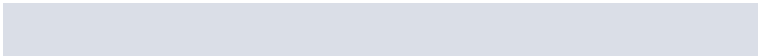
231, 219, 222



226, 222, 213



212, 225, 222



218, 222, 231

Rectangle

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



231, 219, 222



231, 220, 215



212, 225, 222



212, 224, 228

Sweetspot

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



231, 219, 222



255, 250, 251



228, 219, 231



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



231, 219, 222



255, 240, 244



231, 222, 219



115, 107, 109



179, 0, 45



51, 0, 13

Inverse Universe

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



231, 219, 222



255, 240, 244



219, 228, 231



115, 107, 109



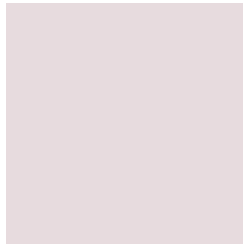
179, 0, 45



51, 0, 13

Previews

White Background



This preview shows how the RGB color 231, 219, 222 looks on a white background.

Color Contrast Check

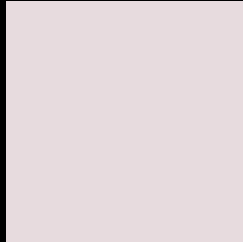
Large Text (above 18pt) WCAG AA × Fail

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, 219, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

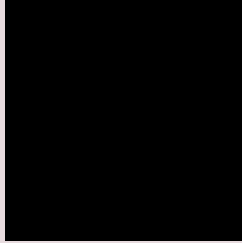
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

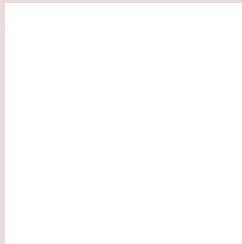
Any Text WCAG AAA ✓ Pass

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

RGB 231, 219, 222 Background



This preview shows how black text looks on a background with the RGB color 231, 219, 222.

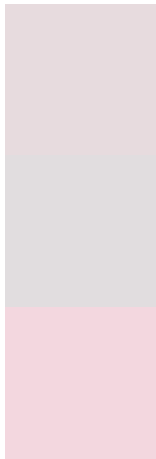


This preview shows how white text looks on a background with the RGB color 231, 219, 222.

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, 219, 222

Protanopia
225, 221, 223

Deuteranopia
243, 215, 223



Tritanopia
233, 217, 234

Trichromacy



Original Color

231, 219, 222

Protanomaly

227, 220, 223

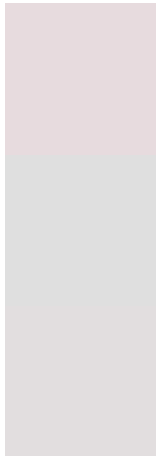
Deuteranomaly

239, 216, 223

Tritanomaly

232, 218, 230

Monochromacy



Original Color

231, 219, 222

Achromatopsia

223, 223, 223

Achromatomaly

226, 222, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 219, 222 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, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 222)  
}
```

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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 222) }
```

Border

The CSS property to change the border of an element to RGB 231, 219, 222 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, 219, 222) }
```

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

```
.border{ border-color:rgb(231, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 219, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 219, 222); box-shadow:4px 4px 4px 4px rgb(231, 219, 222) }
```

Background

The CSS property to change the background color of an element to RGB 231, 219, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 222) }
```

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

```
.background{ background-color: rgb(231,  
219, 222) }
```

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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