

Converting Colors

RGB(231, 221, 232)

Have a look what the booklet for
RGB(231, 221, 232) contains.

RGB(231, 221, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 221, 232)

Conversions

Conversions Part 1	
Format	Color
Hex	E7DDE8
RGB	231, 221, 232
RGB Percent	91%, 87%, 91%
CMY	0.0941, 0.1333, 0.0902
CMYK	0.00, 0.05, 0.00, 0.09
HSL	295°, 19%, 89%
HSV	295°, 5%, 91%
XYZ	73.3769, 74.5280, 86.8619
YIQ	225.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

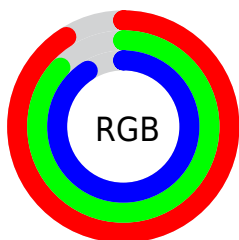
Format	Color
RYB	231, 221, 232
Decimal	15195624
CIELab	89.17, 5.36, -4.16
CIELCh	89, 6.781, 322.163
Yxy	74.5280, 0.3126, 0.3175
Android (android.graphics.Color)	4293385704 (0xFFE7DDE8)
YUV	225.2440, 3.3307, 5.0480
Hunter-Lab	86.3296, 0.6415, 0.7752

Details

The RGB color `231, 221, 232` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `222, 232, 221`, and the grayscale version is `225, 225, 225`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 166, 176` is the 20% darker color. If you saturate the color by 10%, you get `229, 198, 232`, and if you desaturate by 10%, it is `233, 244, 232`.

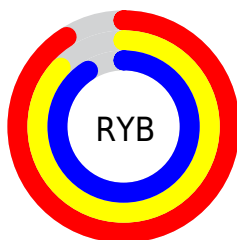
Distribution



Red (91%)

Green (87%)

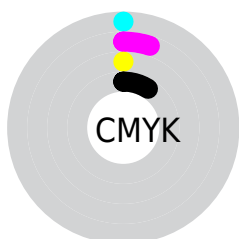
Blue (91%)



Red (91%)

Yellow (87%)

Blue (91%)

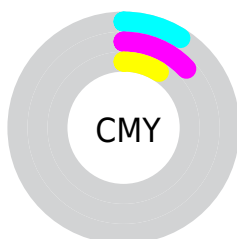


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 221, 232 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, 221, 232 by changing the saturation by 10% instead.

 231, 221, 232

 231, 221, 232

255, 255, 255

 203, 193, 204

 175, 166, 176


 149, 140, 150

 123, 114, 124

 98, 90, 99

 74, 66, 75

 52, 44, 53

 31, 24, 31

 2, 0, 7

 231, 221, 232

 231, 221, 232

 229, 198, 232

 233, 244, 232

 227, 175, 232


 235, 255, 232

 225, 151, 232

 237, 255, 232

 223, 128, 232

 239, 255, 232

 220, 105, 232

 242, 255, 232

 218, 82, 232

 244, 255, 232

 216, 59, 232

 246, 255, 232

 214, 35, 232

 248, 255, 232

 212, 12, 232

 250, 255, 232

Harmonies

Analogous

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



223, 223, 236



231, 221, 232



236, 220, 226

Triad

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



231, 221, 232



231, 223, 211



208, 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, 221, 232



222, 232, 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.



211, 228, 222



231, 221, 232



224, 225, 212

Square

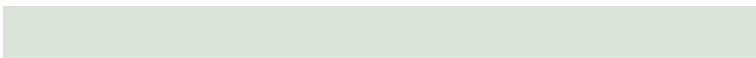
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 221, 232



237, 221, 214



217, 227, 216



210, 227, 234

Rectangle

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



231, 221, 232



238, 220, 222



217, 227, 216



209, 228, 226

Sweetspot

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



231, 221, 232



255, 252, 255



221, 222, 232



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 221, 232



254, 240, 255



232, 221, 228



114, 107, 115



162, 0, 179



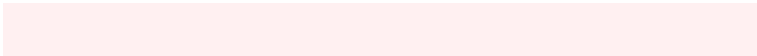
46, 0, 51

Inverse Universe

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



232, 221, 222



255, 240, 241



221, 232, 225



115, 107, 107



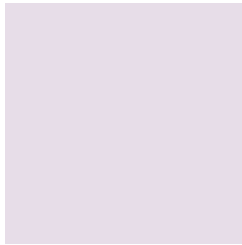
179, 0, 16



51, 0, 5

Previews

White Background



This preview shows how the RGB color 231, 221, 232 looks on a white background.

Color Contrast Check

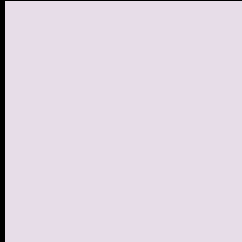
Large Text (above 18pt) WCAG AA × Fail

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, 221, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

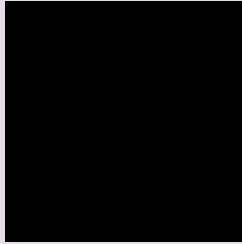
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

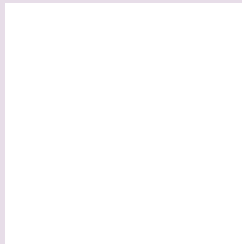
Any Text WCAG AAA ✓ Pass

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

RGB 231, 221, 232 Background



This preview shows how black text looks on a background with the RGB color 231, 221, 232.

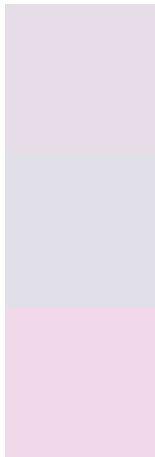


This preview shows how white text looks on a background with the RGB color 231, 221, 232.

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, 221, 232](#)

Protanopia
[225, 223, 233](#)

Deuteranopia
[242, 217, 233](#)



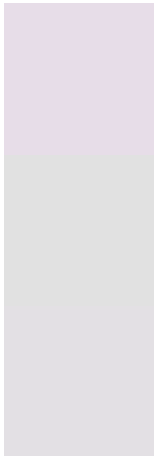
Tritanopia

232, 220, 237

Trichromacy

	Original Color 231, 221, 232
	Protanomaly 227, 222, 233
	Deuteranomaly 238, 218, 233
	Tritanomaly 232, 220, 235

Monochromacy

	Original Color 231, 221, 232
	Achromatopsia 225, 225, 225
	Achromatomaly 227, 224, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 221, 232 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, 221, 232) looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 232)  
}
```

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, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 232) }
```

Border

The CSS property to change the border of an element to RGB 231, 221, 232 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, 221, 232) }
```

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

```
.border{ border-color:rgb(231, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 231, 221, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 232) }
```

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

```
.background{ background-color: rgb(231,  
221, 232) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor