

Converting Colors

RGB(231, 212, 229)

Have a look what the booklet for
RGB(231, 212, 229) contains.

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Color

RGB(231, 212, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4E5
RGB	231, 212, 229
RGB Percent	91%, 83%, 90%
CMY	0.0941, 0.1686, 0.1020
CMYK	0.00, 0.08, 0.01, 0.09
HSL	306°, 28%, 87%
HSV	306°, 8%, 91%
XYZ	70.6413, 69.7330, 83.8654
YIQ	219.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

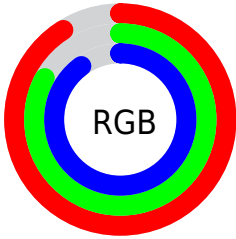
Format	Color
R _{YB}	231, 212, 229
Decimal	15193317
CIE Lab	86.87, 9.52, -5.98
CIE LCh	87, 11.242, 327.882
Yxy	69.7330, 0.3150, 0.3110
Android (android.graphics.Color)	4293383397 (0xFFE7D4E5)
YUV	219.6190, 4.6248, 9.9811
Hunter-Lab	83.5063, 4.8643, -1.0905

Details

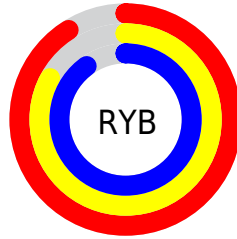
The RGB color **231, 212, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 231, 214**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 157, 174** is the 20% darker color. If you saturate the color by 10%, you get **231, 189, 227**, and if you desaturate by 10%, it is **231, 235, 231**.

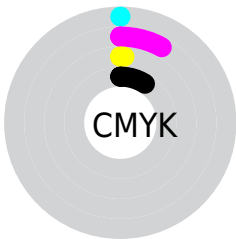
Distribution



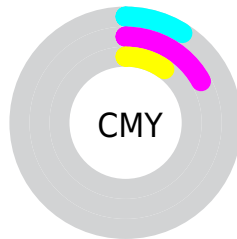
- Red (91%)
- Green (83%)
- Blue (90%)



- Red (91%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 212, 229 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, 212, 229 by changing the saturation by 10% instead.

■ 231, 212, 229

255, 255, 255

■ 231, 212, 229

■ 203, 184, 201

■ 175, 157, 174

■ 149, 131, 147

■ 123, 106, 121

■ 98, 82, 96

■ 74, 59, 73


■ 51, 37, 50

■ 30, 17, 29


■ 0, 0, 1

 231, 212, 229


 231, 212, 229

 231, 189, 227


 231, 235, 231

 231, 166, 224


 231, 255, 234

 231, 143, 222


 231, 255, 236

 231, 120, 219


 231, 255, 239

 231, 97, 217


 231, 255, 241

 231, 73, 214


 231, 255, 244

 231, 50, 212

 231, 255, 246

 231, 27, 210

 231, 255, 248

 231, 4, 207

 231, 255, 251

Harmonies

Analogous

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



219, 215, 236



231, 212, 229



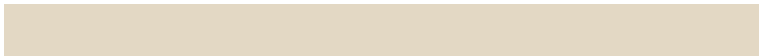
239, 210, 219

Triad

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



231, 212, 229



227, 216, 196



191, 224, 227

Complementary

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



231, 212, 229



212, 231, 214

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.



194, 224, 216



231, 212, 229



215, 220, 199

Square

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



231, 212, 229



237, 213, 200



203, 223, 206



195, 222, 235

Rectangle

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



231, 212, 229



241, 211, 211



203, 223, 206



191, 224, 224

Sweetspot

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



231, 212, 229



255, 250, 254



214, 212, 231



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



231, 212, 229



255, 230, 252



231, 212, 220



115, 103, 114



179, 0, 160



51, 0, 46

Inverse Universe

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



231, 212, 229



255, 230, 252



212, 231, 223



115, 103, 114



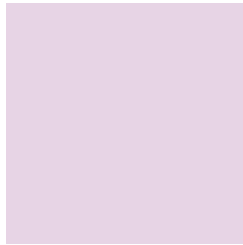
179, 0, 160



51, 0, 46

Previews

White Background



This preview shows how the RGB color 231, 212, 229 looks on a white background.

Color Contrast Check

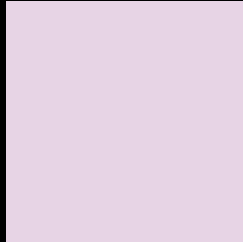
Large Text (above 18pt) WCAG AA × Fail

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, 212, 229 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

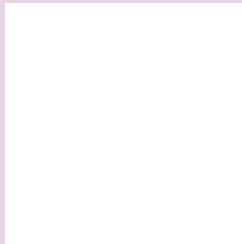
Any Text WCAG AAA ✓ Pass

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

RGB 231, 212, 229 Background



This preview shows how black text looks on a background with the RGB color 231, 212, 229.

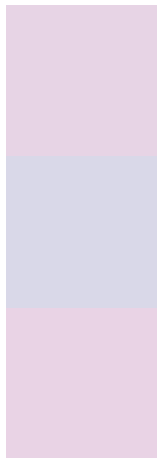


This preview shows how white text looks on a background with the RGB color 231, 212, 229.

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, 212, 229

Protanopia
217, 216, 232

Deuteranopia
233, 211, 229



Tritanopia
231, 212, 229

Trichromacy



Original Color

231, 212, 229

Protanomaly

222, 215, 231

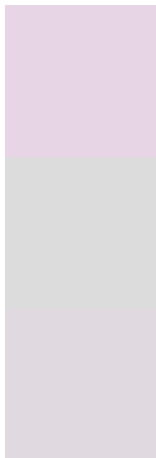
Deuteranomaly

232, 211, 229

Tritanomaly

231, 212, 229

Monochromacy



Original Color

231, 212, 229

Achromatopsia

220, 220, 220

Achromatomaly

224, 217, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 212, 229 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, 212, 229) looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 229)  
}
```

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, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 229) }
```

Border

The CSS property to change the border of an element to RGB 231, 212, 229 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, 212, 229) }
```

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

```
.border{ border-color:rgb(231, 212, 229) }
```

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

Here you see how a box with a 4 pixel rgb(231, 212, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 231, 212, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 229) }
```

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

```
.background{ background-color: rgb(231,  
212, 229) }
```

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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