

Converting Colors

RGB(231, 212, 237)

Have a look what the booklet for
RGB(231, 212, 237) contains.

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Color

RGB(231, 212, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4ED
RGB	231, 212, 237
RGB Percent	91%, 83%, 93%
CMY	0.0941, 0.1686, 0.0706
CMYK	0.03, 0.11, 0.00, 0.07
HSL	286°, 41%, 88%
HSV	286°, 11%, 93%
XYZ	71.7845, 70.1903, 89.8854
YIQ	220.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

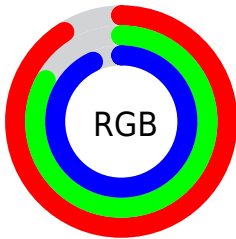
Format	Color
R _Y B	231, 212, 237
Decimal	15193325
CIE Lab	87.09, 10.98, -9.88
CIE LCh	87, 14.771, 318.042
Yxy	70.1903, 0.3096, 0.3027
Android (android.graphics.Color)	4293383405 (0xFFE7D4ED)
YUV	220.5310, 8.1192, 9.1813
Hunter-Lab	83.7797, 6.3289, -4.9652

Details

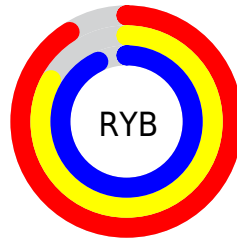
The RGB color **231, 212, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218, 237, 212**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 157, 181** is the 20% darker color. If you saturate the color by 10%, you get **225, 188, 237**, and if you desaturate by 10%, it is **237, 236, 237**.

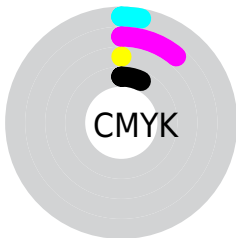
Distribution



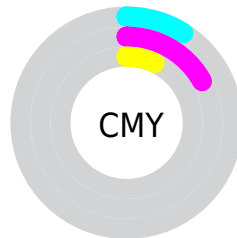
- Red (91%)
- Green (83%)
- Blue (93%)



- Red (91%)
- Yellow (83%)
- Blue (93%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 212, 237 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, 237 by changing the saturation by 10% instead.

■ 231, 212, 237

255, 255, 255

■ 231, 212, 237

■ 203, 184, 209

■ 175, 157, 181

■ 149, 131, 154

■ 123, 106, 128

■ 98, 82, 103

■ 74, 59, 79


■ 51, 37, 56

■ 30, 17, 35


■ 0, 0, 12

 231, 212, 237


 231, 212, 237

 225, 188, 237

 237, 236, 237

 220, 165, 237


 242, 255, 237

 214, 141, 237

 248, 255, 237


 208, 117, 237


 254, 255, 237

 203, 93, 237

 255, 255, 237

 197, 70, 237

 191, 46, 237

 185, 22, 237

 180, 0, 237

Harmonies

Analogous

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



214, 216, 245



231, 212, 237



243, 209, 224

Triad

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



231, 212, 237



235, 215, 191



183, 226, 226

Complementary

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



231, 212, 237



218, 237, 212

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.



190, 226, 212



231, 212, 237



220, 220, 191

Square

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



231, 212, 237



245, 211, 198



204, 224, 199



185, 225, 238

Rectangle

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



231, 212, 237



248, 209, 215



204, 224, 199



184, 227, 221

Sweetspot

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



231, 212, 237



253, 247, 255



212, 218, 237



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 212, 237



247, 222, 255



237, 212, 231



114, 106, 117



138, 0, 181



41, 0, 54

Inverse Universe

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



237, 212, 218



255, 222, 230



212, 237, 218



117, 106, 108



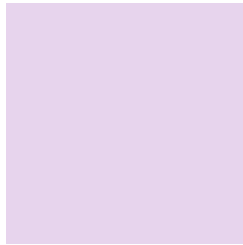
181, 0, 43



54, 0, 13

Previews

White Background



This preview shows how the RGB color 231, 212, 237 looks on a white background.

Color Contrast Check

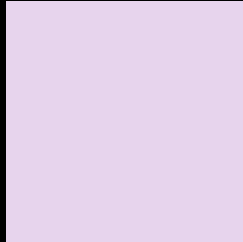
Large Text (above 18pt) WCAG AA × Fail

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, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

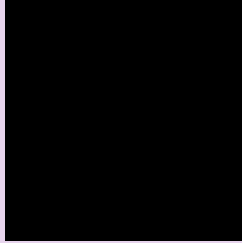
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

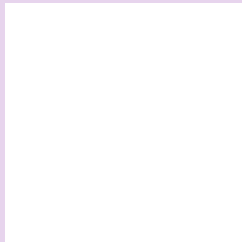
Any Text WCAG AAA ✓ Pass

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

RGB 231, 212, 237 Background



This preview shows how black text looks on a background with the RGB color 231, 212, 237.



This preview shows how white text looks on a background with the RGB color 231, 212, 237.

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](#).

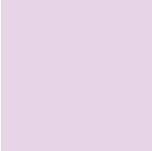
Dichromacy



Original Color
231, 212, 237

Protanopia
216, 217, 240

Deuteranopia
231, 212, 237



Tritanopia
230, 213, 230

Trichromacy



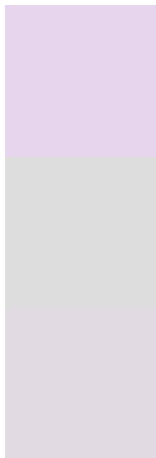
Original Color
231, 212, 237

Protanomaly
221, 215, 239

Deuteranomaly
231, 212, 237

Tritanomaly
230, 213, 233

Monochromacy



Original Color
231, 212, 237

Achromatopsia
221, 221, 221

Achromatomaly
225, 218, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 212, 237 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 237) }
```

Border

The CSS property to change the border of an element to RGB 231, 212, 237 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, 237) }
```

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

```
.border{ border-color:rgb(231, 212, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 231, 212, 237 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, 237) }
```

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

```
.background{ background-color: rgb(231,  
212, 237) }
```

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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