

Converting Colors

RGB(231, 222, 255)

Have a look what the booklet for
RGB(231, 222, 255) contains.

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Color

RGB(231, 222, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E7DEFF
RGB	231, 222, 255
RGB Percent	91%, 87%, 100%
CMY	0.0941, 0.1294, 0.0000
CMYK	0.09, 0.13, 0.00, 0.00
HSL	256°, 100%, 94%
HSV	256°, 13%, 100%
XYZ	77.1263, 76.4515, 105.2994
YIQ	228.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

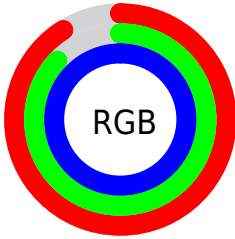
Format	Color
R _Y B	231, 222, 255
Decimal	15195903
CIE Lab	90.07, 9.17, -14.90
CIE LCh	90, 17.500, 301.606
Yxy	76.4515, 0.2979, 0.2953
Android (android.graphics.Color)	4293385983 (0xFFE7DEFF)
YUV	228.4530, 13.0877, 2.2337
Hunter-Lab	87.4365, 4.4379, -10.1971

Details

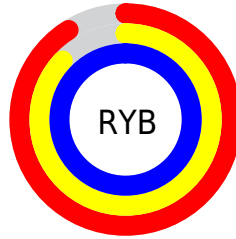
The RGB color **231, 222, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **246, 255, 222**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 167, 198** is the 20% darker color. If you saturate the color by 10%, you get **212, 197, 255**, and if you desaturate by 10%, it is **250, 248, 255**.

Distribution



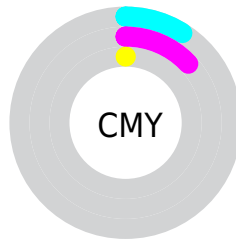
- Red (91%)
- Green (87%)
- Blue (100%)



- Red (91%)
- Yellow (87%)
- Blue (100%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 222, 255 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, 222, 255 by changing the saturation by 10% instead.

■ 231, 222, 255

255, 255, 255

■ 231, 222, 255

■ 203, 194, 226

■ 175, 167, 198

■ 149, 141, 171

■ 123, 115, 144

■ 98, 90, 119

■ 74, 67, 94


■ 51, 45, 70

■ 29, 24, 48


■ 7, 0, 27

 231, 222, 255


 231, 222, 255


 212, 197, 255

 250, 248, 255


 194, 171, 255


255, 255, 255

 175, 146, 255


 157, 120, 255

 138, 95, 255

 120, 69, 255

 101, 44, 255

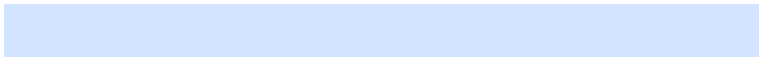
 83, 18, 255

 70, 0, 255

Harmonies

Analogous

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



210, 228, 255



231, 222, 255



249, 217, 243

Triad

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



231, 222, 255



254, 220, 198



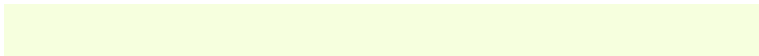
188, 236, 227

Complementary

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



231, 222, 255



246, 255, 222

Split Complementary

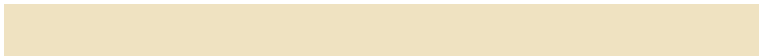
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202, 235, 210



231, 222, 255



239, 226, 193

Square

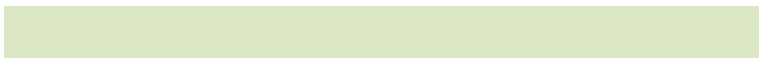
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 222, 255



255, 216, 210



220, 231, 198



183, 236, 243

Rectangle

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



231, 222, 255



255, 215, 232



220, 231, 198



192, 236, 221

Sweetspot

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



231, 222, 255



248, 245, 255



222, 246, 255



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 222, 255



225, 214, 255



247, 222, 255



118, 115, 128



52, 0, 191



17, 0, 64

Inverse Universe

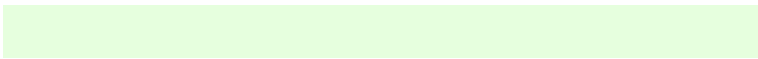
The Inverse Universe completely reimagines the original color for something new.



255, 222, 246



255, 214, 244



230, 255, 222



128, 115, 124



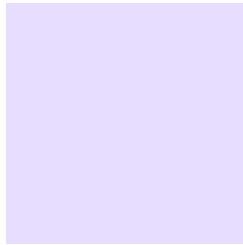
191, 0, 139



64, 0, 46

Previews

White Background



This preview shows how the RGB color 231, 222, 255 looks on a white background.

Color Contrast Check

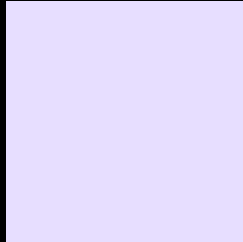
Large Text (above 18pt) WCAG AA × Fail

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, 222, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

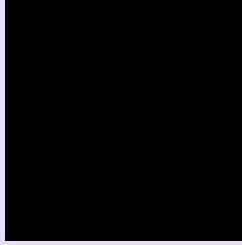
Any Text WCAG AA ✓ Pass

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, 222, 255 Background



This preview shows how black text looks on a background with the RGB color 231, 222, 255.

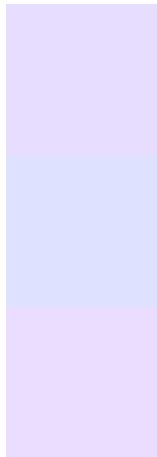


This preview shows how white text looks on a background with the RGB color 231, 222, 255.

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, 222, 255

Protanopia
222, 225, 255

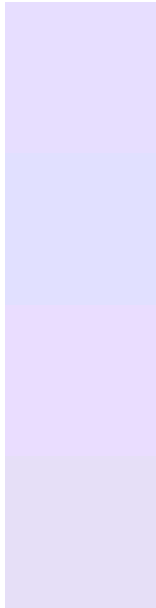
Deuteranopia
235, 221, 255



Tritanopia

229, 224, 242

Trichromacy



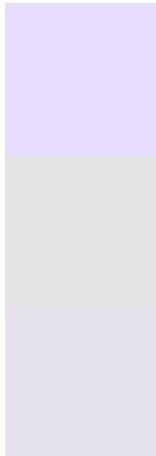
Original Color
231, 222, 255

Protanomaly
225, 224, 255

Deuteranomaly
234, 221, 255

Tritanomaly
230, 223, 247

Monochromacy



Original Color
231, 222, 255

Achromatopsia
228, 228, 228

Achromatomaly
229, 226, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 222, 255 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 255)  
}
```

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, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 255) }
```

Border

The CSS property to change the border of an element to RGB 231, 222, 255 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, 222, 255) }
```

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

```
.border{ border-color:rgb(231, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 231, 222, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 255) }
```

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

```
.background{ background-color: rgb(231,  
222, 255) }
```

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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