

Converting Colors

RGB(231, 227, 254)

Have a look what the booklet for
RGB(231, 227, 254) contains.

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Color

RGB(231, 227, 254)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3FE
RGB	231, 227, 254
RGB Percent	91%, 89%, 100%
CMY	0.0941, 0.1098, 0.0039
CMYK	0.09, 0.11, 0.00, 0.00
HSL	249°, 93%, 94%
HSV	249°, 11%, 100%
XYZ	78.3135, 79.0829, 104.9029
YIQ	231.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

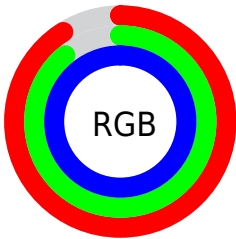
Format	Color
R_{YB}	231, 227, 254
Decimal	15197182
CIE Lab	91.27, 6.37, -12.58
CIE LCh	91, 14.100, 296.839
Yxy	79.0829, 0.2986, 0.3015
Android (android.graphics.Color)	4293387262 (0xFFE7E3FE)
YUV	231.2740, 11.2039, -0.2403
Hunter-Lab	88.9285, 1.5682, -7.6904

Details

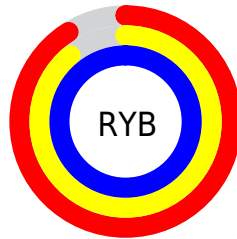
The RGB color **231, 227, 254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **250, 254, 227**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 172, 197** is the 20% darker color. If you saturate the color by 10%, you get **209, 202, 254**, and if you desaturate by 10%, it is **253, 252, 254**.

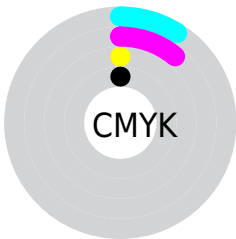
Distribution



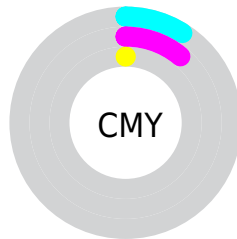
- Red (91%)
- Green (89%)
- Blue (100%)



- Red (91%)
- Yellow (89%)
- Blue (100%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 227, 254 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, 227, 254 by changing the saturation by 10% instead.

■ 231, 227, 254

255, 255, 255

■ 231, 227, 254

■ 203, 199, 225

■ 175, 172, 197

■ 149, 145, 170

■ 123, 120, 144

■ 98, 95, 118

■ 74, 71, 93

■ 51, 49, 70

■ 29, 28, 47

■ 7, 1, 27

■ 231, 227, 254

■ 231, 227, 254

■ 209, 202, 254

■ 253, 252, 254

■ 188, 176, 254

255, 255, 254

■ 166, 151, 254

■ 144, 125, 254

■ 123, 100, 254

■ 101, 75, 254

■ 80, 49, 254

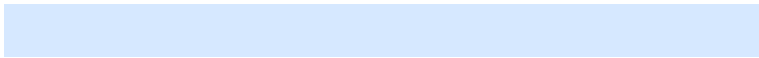
■ 58, 24, 254

■ 38, 0, 254

Harmonies

Analogous

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



214, 232, 255



231, 227, 254



247, 223, 245

Triad

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



231, 227, 254



254, 224, 208



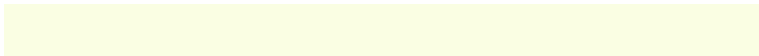
200, 238, 228

Complementary

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



231, 227, 254



250, 254, 227

Split Complementary

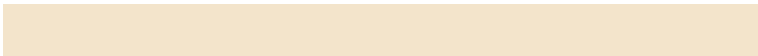
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212, 236, 215



231, 227, 254



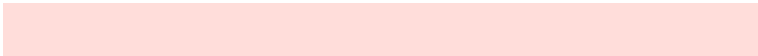
243, 228, 203

Square

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



231, 227, 254



255, 221, 218



228, 233, 206



196, 238, 242

Rectangle

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



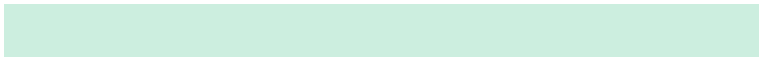
231, 227, 254



254, 221, 236



228, 233, 206



204, 238, 223

Sweetspot

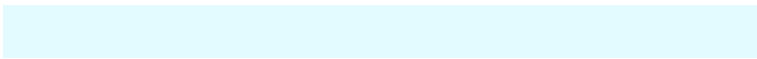
The Sweet Spot groups the original color and five complimentary colors.



231, 227, 254



248, 247, 255



227, 250, 254



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 227, 254



227, 222, 255



244, 227, 254



117, 115, 128



28, 0, 191



9, 0, 64

Inverse Universe

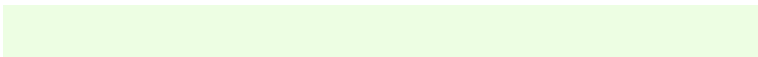
The Inverse Universe completely reimagines the original color for something new.



254, 227, 250



255, 222, 250



237, 254, 227



128, 115, 126



191, 0, 163



64, 0, 54

Previews

White Background



This preview shows how the RGB color 231, 227, 254 looks on a white background.

Color Contrast Check

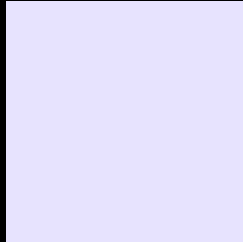
Large Text (above 18pt) WCAG AA × Fail

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, 227, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

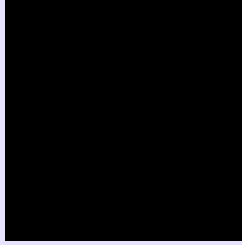
Any Text WCAG AA ✓ Pass

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, 227, 254 Background



This preview shows how black text looks on a background with the RGB color 231, 227, 254.

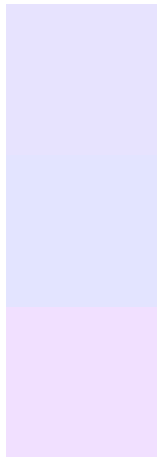


This preview shows how white text looks on a background with the RGB color 231, 227, 254.

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, 227, 254

Protanopia
227, 228, 255

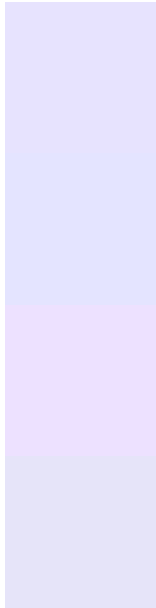
Deuteranopia
241, 224, 255



Tritanopia

230, 228, 246

Trichromacy



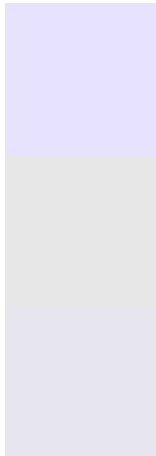
Original Color
231, 227, 254

Protanomaly
228, 228, 255

Deuteranomaly
237, 225, 255

Tritanomaly
230, 228, 249

Monochromacy



Original Color
231, 227, 254

Achromatopsia
231, 231, 231

Achromatomaly
231, 230, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 227, 254 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, 227, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 254)  
}
```

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, 227, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 254) }
```

Border

The CSS property to change the border of an element to RGB 231, 227, 254 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, 227, 254) }
```

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

```
.border{ border-color:rgb(231, 227, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 231, 227, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 254) }
```

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

```
.background{ background-color: rgb(231,  
227, 254) }
```

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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