

Converting Colors

RGB(231, 228, 254)

Have a look what the booklet for
RGB(231, 228, 254) contains.

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Color

RGB(231, 228, 254)

Conversions

Conversions Part 1

Format	Color
Hex	E7E4FE
RGB	231, 228, 254
RGB Percent	91%, 89%, 100%
CMY	0.0941, 0.1059, 0.0039
CMYK	0.09, 0.10, 0.00, 0.00
HSL	247°, 93%, 95%
HSV	247°, 10%, 100%
XYZ	78.5878, 79.6315, 104.9943
YIQ	231.8610, -6.5580, 8.7220

Conversions

Conversions Part 2

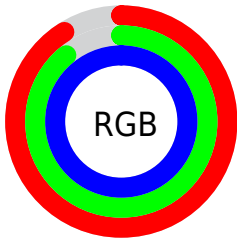
Format	Color
R _Y B	231, 228, 254
Decimal	15197438
CIE Lab	91.52, 5.85, -12.21
CIE LCh	92, 13.539, 295.580
Yxy	79.6315, 0.2986, 0.3025
Android (android.graphics.Color)	4293387518 (0xFFE7E4FE)
YUV	231.8610, 10.9145, -0.7551
Hunter-Lab	89.2365, 1.0356, -7.2942

Details

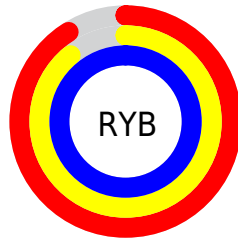
The RGB color `231, 228, 254` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `251, 254, 228`, and the grayscale version is `232, 232, 232`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 173, 197` is the 20% darker color. If you saturate the color by 10%, you get `209, 203, 254`, and if you desaturate by 10%, it is `253, 253, 254`.

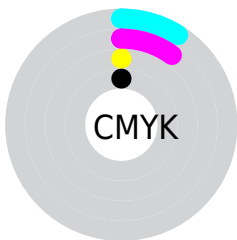
Distribution



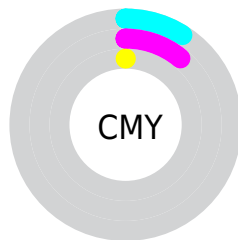
- Red (91%)
- Green (89%)
- Blue (100%)



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



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 228, 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, 228, 254 by changing the saturation by 10% instead.

■ 231, 228, 254

255, 255, 255

■ 231, 228, 254

■ 203, 200, 225

■ 175, 173, 197

■ 149, 146, 170

■ 123, 120, 144

■ 98, 96, 118

■ 74, 72, 93

■ 51, 50, 70

■ 29, 29, 47

■ 7, 2, 27

 231, 228, 254

 231, 228, 254


 209, 203, 254

 253, 253, 254

 186, 177, 254

255, 255, 254

 164, 152, 254

 141, 126, 254

 119, 101, 254

 96, 76, 254

 74, 50, 254

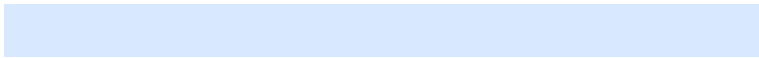
 51, 25, 254

 29, 0, 254

Harmonies

Analogous

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



215, 232, 255



231, 228, 254



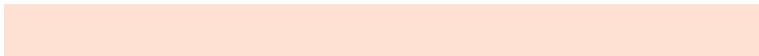
246, 224, 246

Triad

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



231, 228, 254



254, 225, 210



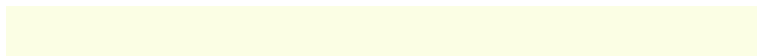
203, 238, 228

Complementary

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



231, 228, 254



251, 254, 228

Split Complementary

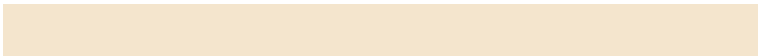
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 237, 216



231, 228, 254



244, 229, 205

Square

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



231, 228, 254



255, 222, 220



229, 233, 207



198, 238, 241

Rectangle

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



231, 228, 254



253, 223, 237



229, 233, 207



206, 238, 224

Sweetspot

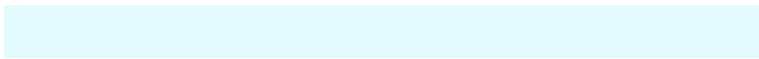
The Sweet Spot groups the original color and five complimentary colors.



231, 228, 254



248, 247, 255



228, 251, 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, 228, 254



228, 224, 255



244, 228, 254



116, 115, 128



22, 0, 191



7, 0, 64

Inverse Universe

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



254, 228, 251



255, 224, 251



238, 254, 228



128, 115, 126



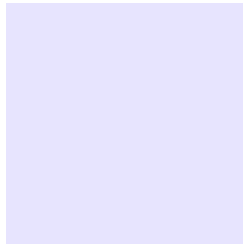
191, 0, 169



64, 0, 56

Previews

White Background



This preview shows how the RGB color 231, 228, 254 looks on a white background.

Color Contrast Check

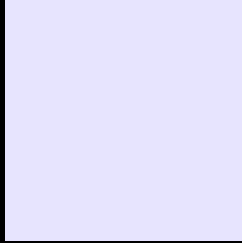
Large Text (above 18pt) WCAG AA × Fail

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, 228, 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, 228, 254 Background



This preview shows how black text looks on a background with the RGB color 231, 228, 254.



This preview shows how white text looks on a background with the RGB color 231, 228, 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, 228, 254

Protanopia
228, 229, 255

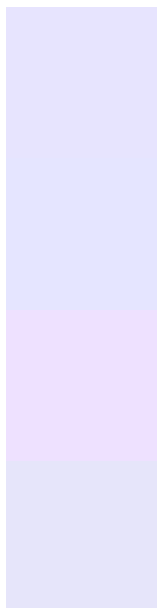
Deuteranopia
242, 224, 255



Tritanopia

230, 229, 247

Trichromacy



Original Color

231, 228, 254

Protanomaly

229, 229, 255

Deuteranomaly

238, 225, 255

Tritanomaly

230, 229, 250

Monochromacy



Original Color

231, 228, 254

Achromatopsia

232, 232, 232

Achromatomaly

232, 231, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 228, 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, 228, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 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, 228, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 254) }
```

Border

The CSS property to change the border of an element to RGB 231, 228, 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, 228, 254) }
```

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

```
.border{ border-color:rgb(231, 228, 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, 228, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 228, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 228, 254); box-shadow:4px 4px 4px 4px rgb(231, 228, 254) }
```

Background

The CSS property to change the background color of an element to RGB 231, 228, 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, 228, 254) }
```

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

```
.background{ background-color: rgb(231,  
228, 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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