

Converting Colors

RGB(233, 224, 251)

Have a look what the booklet for
RGB(233, 224, 251) contains.

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Color

RGB(233, 224, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E9E0FB
RGB	233, 224, 251
RGB Percent	91%, 88%, 98%
CMY	0.0863, 0.1216, 0.0157
CMYK	0.07, 0.11, 0.00, 0.02
HSL	260°, 77%, 93%
HSV	260°, 11%, 98%
XYZ	77.6725, 77.6000, 102.1513
YIQ	229.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

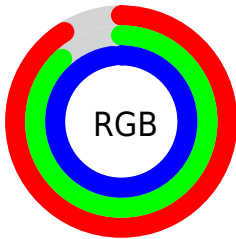
Format	Color
R_{YB}	233, 224, 251
Decimal	15327483
CIE _{Lab}	90.60, 7.99, -12.00
CIE _{LCh}	91, 14.420, 303.658
Yxy	77.6000, 0.3017, 0.3014
Android (android.graphics.Color)	4293517563 (0xFFE9E0FB)
YUV	229.7690, 10.4669, 2.8336
Hunter-Lab	88.0909, 3.2302, -7.0899

Details

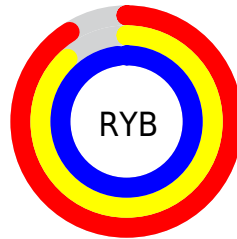
The RGB color **233, 224, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **242, 251, 224**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 169, 194** is the 20% darker color. If you saturate the color by 10%, you get **216, 199, 251**, and if you desaturate by 10%, it is **250, 249, 251**.

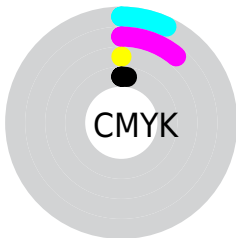
Distribution



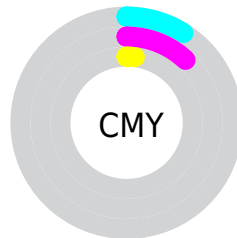
- Red (91%)
- Green (88%)
- Blue (98%)



- Red (91%)
- Yellow (88%)
- Blue (98%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 224, 251 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 233, 224, 251 by changing the saturation by 10% instead.

■ 233, 224, 251

255, 255, 255

■ 233, 224, 251

■ 205, 196, 222

■ 177, 169, 194

■ 151, 142, 167

■ 125, 117, 141

■ 100, 92, 115

■ 76, 69, 91


■ 53, 46, 67

■ 31, 26, 45


■ 9, 0, 25

 233, 224, 251

 233, 224, 251

 216, 199, 251

 250, 249, 251

 200, 174, 251

 255, 255, 251

 183, 149, 251

 166, 124, 251

 149, 99, 251

 133, 73, 251

 116, 48, 251

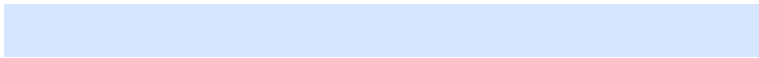
 99, 23, 251

 84, 0, 251

Harmonies

Analogous

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



216, 229, 255



233, 224, 251



248, 220, 241

Triad

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



233, 224, 251



250, 223, 204



196, 236, 229

Complementary

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



233, 224, 251



242, 251, 224

Split Complementary

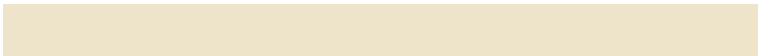
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207, 235, 215



233, 224, 251



238, 228, 201

Square

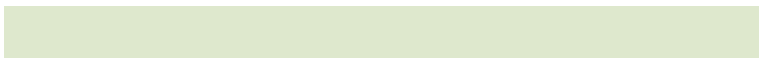
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233, 224, 251



255, 220, 213



222, 232, 205



193, 236, 243

Rectangle

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



233, 224, 251



255, 219, 232



222, 232, 205



199, 236, 224

Sweetspot

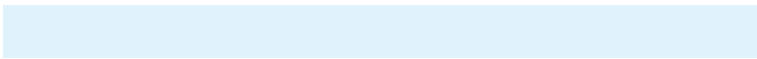
The Sweet Spot groups the original color and five complimentary colors.



233, 224, 251



250, 247, 255



224, 242, 251



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 224, 251



233, 222, 255



247, 224, 251



117, 112, 125



63, 0, 189



20, 0, 61

Inverse Universe

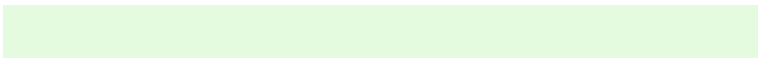
The Inverse Universe completely reimagines the original color for something new.



251, 224, 242



255, 222, 244



229, 251, 224



125, 112, 121



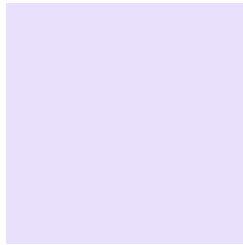
189, 0, 126



61, 0, 41

Previews

White Background



This preview shows how the RGB color 233, 224, 251 looks on a white background.

Color Contrast Check

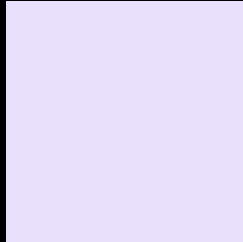
Large Text (above 18pt) WCAG AA × Fail

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 233, 224, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

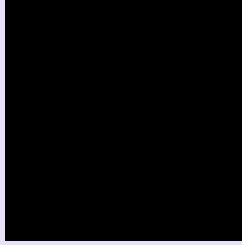
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

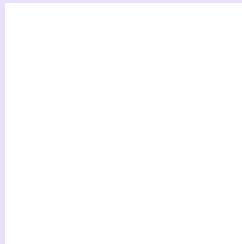
Any Text WCAG AAA ✓ Pass

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

RGB 233, 224, 251 Background



This preview shows how black text looks on a background with the RGB color 233, 224, 251.

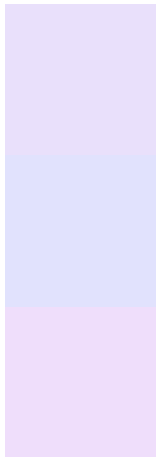


This preview shows how white text looks on a background with the RGB color 233, 224, 251.

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
233, 224, 251

Protanopia
225, 226, 253

Deuteranopia
239, 222, 251



Tritanopia

232, 225, 243

Trichromacy



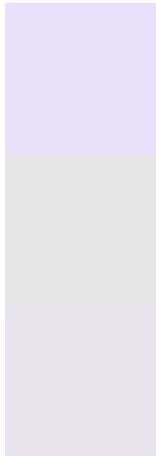
Original Color
233, 224, 251

Protanomaly
228, 225, 252

Deuteranomaly
237, 223, 251

Tritanomaly
232, 225, 246

Monochromacy



Original Color
233, 224, 251

Achromatopsia
230, 230, 230

Achromatomaly
231, 228, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 224, 251 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(233, 224, 251)` looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 251)  
}
```

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(233, 224, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 251) }
```

Border

The CSS property to change the border of an element to RGB 233, 224, 251 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(233, 224, 251) }
```

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

```
.border{ border-color:rgb(233, 224, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 251);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 233, 224, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 251) }
```

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

```
.background{ background-color: rgb(233,  
224, 251) }
```

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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