Converting Colors

RGB(231, 244, 251)

Have a look what the booklet for RGB(231, 244, 251) contains.

Color

RGB(231, 244, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E7F4FB
RGB	231, 244, 251
RGB Percent	91%, 96%, 98%
CMY	0.0941, 0.0431, 0.0157
CMYK	0.08, 0.03, 0.00, 0.02
HSL	201°, 71%, 95%
HSV	201°, 8%, 98%
XYZ	82.7183, 88.6553, 104.0193
YIQ	240.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

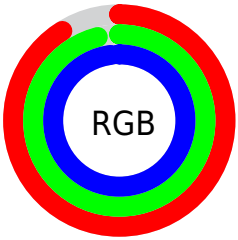
Format	Color
RYB	231, 239, 251
Decimal	15201531
CIELab	95.44, -2.96, -4.85
CIELCh	95, 5.676, 238.616
Yxy	88.6553, 0.3004, 0.3219
Android (android.graphics.Color)	4293391611 (0xFFE7F4FB)
YUV	240.9110, 4.9739, -8.6919
Hunter-Lab	94.1570, -7.9598, 0.4096

Details

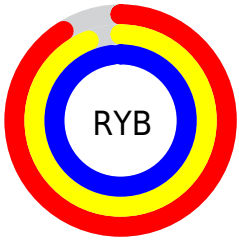
The RGB color 231, 244, 251 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 251, 238, 231, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 175, 188, 195 is the 20% darker color. If you saturate the color by 10%, you get 206, 235, 251, and if you desaturate by 10%, it is 255, 253, 251.

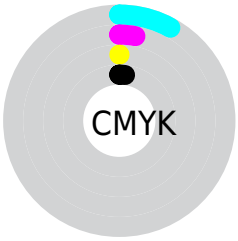
Distribution



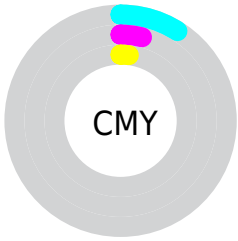
- Red (91%)
- Green (96%)
- Blue (98%)



- Red (91%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 244, 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 231, 244, 251 by changing the saturation by 10% instead.

231, 244, 251

255, 255, 255

231, 244, 251

203, 216, 222

175, 188, 195

149, 161, 167

123, 135, 141

98, 109, 115

74, 85, 91

51, 62, 67

30, 40, 45

7, 20, 25

231, 244, 251

206, 235, 251

181, 226, 251

156, 218, 251

131, 209, 251

106, 200, 251

80, 191, 251

55, 183, 251

30, 174, 251

5, 165, 251

231, 244, 251

255, 253, 251

255, 255, 251

Harmonies

Analogous

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

229, 245, 247

231, 244, 251

236, 242, 253

Triad

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

231, 244, 251

253, 238, 242

241, 243, 232

Complementary

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

231, 244, 251

251, 238, 231

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.

247, 241, 231

231, 244, 251

254, 239, 237

Square

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

231, 244, 251

249, 239, 248

252, 240, 233

234, 245, 236

Rectangle

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

231, 244, 251

241, 241, 252

252, 240, 233

243, 243, 231

Sweetspot

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

231, 244, 251

250, 253, 255

231, 251, 238

125, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

231, 244, 251

230, 246, 255

231, 234, 251

112, 121, 125

0, 123, 189

0, 40, 61

Inverse Universe

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

251, 231, 244

255, 230, 246

251, 248, 231

125, 112, 121

189, 0, 123

61, 0, 40

Previews

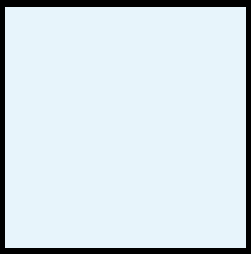
White Background

This preview shows how the RGB color 231, 244, 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



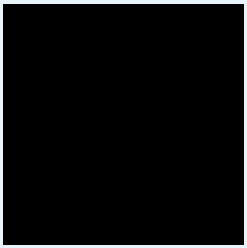
This preview shows how the RGB color 231, 244, 251 looks on a black background.

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 231, 244, 251 Background



This preview shows how black text looks on a background with the RGB color 231, 244, 251.

This preview shows how white text looks on a background with the RGB color 231, 244, 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
231, 244, 251

Protanopia
244, 240, 249

Deuteranopia
255, 236, 250

Tritanopia
236, 242, 255

Trichromacy

Original Color
231, 244, 251

Protanomaly
239, 241, 250

Deuteranomaly
246, 239, 250

Tritanomaly
234, 243, 254

Monochromacy

Original Color
231, 244, 251

Achromatopsia
241, 241, 241

Achromatomaly
237, 242, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 244, 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(231, 244, 251) looks like.

```
.text, #text, p{
    color:rgb(231, 244, 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(231, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 251) }
```

Border

The CSS property to change the border of an element to RGB 231, 244, 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(231, 244, 251) }
```

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

```
.border{ border-color:rgb(231, 244, 251) }
```

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

Here you see how a box with a 4 pixel rgb(231, 244, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 244, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 244, 251); box-shadow:4px 4px 4px 4px rgb(231, 244, 251) }
```

Background

The CSS property to change the background color of an element to RGB 231, 244, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(231, 244, 251) }
```

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

```
.background{ background-color:rgb(231,
244, 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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