Converting Colors

RGB(232, 247, 250)

Have a look what the booklet for RGB(232, 247, 250) contains.

Color

RGB(232, 247, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E8F7FA
RGB	232, 247, 250
RGB Percent	91%, 97%, 98%
CMY	0.0902, 0.0314, 0.0196
CMYK	0.07, 0.01, 0.00, 0.02
HSL	190°, 64%, 95%
HSV	190°, 7%, 98%
XYZ	83.7948, 90.5795, 103.5096
YIQ	242.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

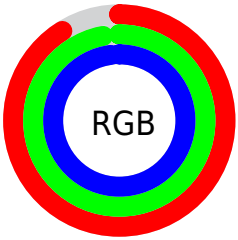
Format	Color
RYB	232, 240, 250
Decimal	15267834
CIELab	96.24, -4.34, -3.14
CIELCh	96, 5.362, 215.888
Yxy	90.5795, 0.3015, 0.3260
Android (android.graphics.Color)	4293457914 (0xFFE8F7FA)
YUV	242.8570, 3.5215, -9.5216
Hunter-Lab	95.1732, -9.3938, 2.1380

Details

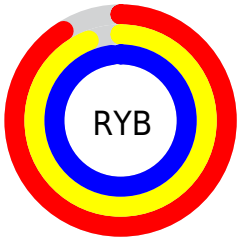
The RGB color 232, 247, 250 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 250, 235, 232, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 176, 191, 194 is the 20% darker color. If you saturate the color by 10%, you get 207, 243, 250, and if you desaturate by 10%, it is 255, 251, 250.

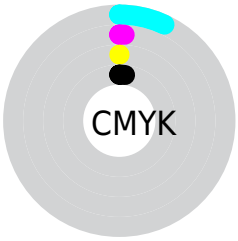
Distribution



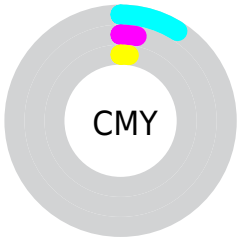
- Red (91%)
- Green (97%)
- Blue (98%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 247, 250 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 232, 247, 250 by changing the saturation by 10% instead.

232, 247, 250

255, 255, 255

232, 247, 250

204, 219, 221

176, 191, 194

150, 164, 166

124, 137, 140

99, 112, 115

75, 88, 90

52, 64, 67

31, 42, 45

8, 22, 24

232, 247, 250

207, 243, 250

182, 239, 250

157, 235, 250

132, 230, 250

107, 226, 250

82, 222, 250

57, 218, 250

32, 214, 250

7, 210, 250

232, 247, 250

255, 251, 250

255, 255, 250

Harmonies

Analogous

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

232, 247, 245

232, 247, 250

235, 246, 253

Triad

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

232, 247, 250

252, 241, 248

248, 244, 234

Complementary

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

232, 247, 250

250, 235, 232

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.

253, 242, 235

232, 247, 250

255, 241, 243

Square

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

232, 247, 250

247, 243, 253

255, 241, 238

242, 246, 236

Rectangle

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

232, 247, 250

238, 245, 254

255, 241, 238

250, 244, 234

Sweetspot

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

232, 247, 250

250, 254, 255

232, 250, 235

125, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

232, 247, 250

232, 251, 255

232, 238, 250

112, 123, 125

0, 157, 189

0, 51, 61

Inverse Universe

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

250, 232, 247

255, 232, 251

250, 244, 232

125, 112, 123

189, 0, 157

61, 0, 51

Previews

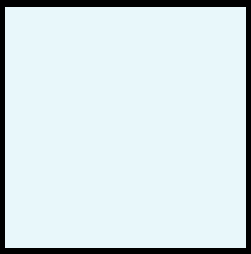
White Background

This preview shows how the RGB color 232, 247, 250 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



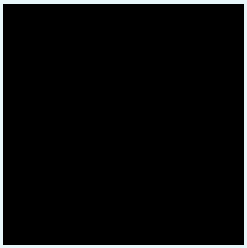
This preview shows how the RGB color 232, 247, 250 looks on a black background.

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 232, 247, 250 Background



This preview shows how black text looks on a background with the RGB color 232, 247, 250.

This preview shows how white text looks on a background with the RGB color 232, 247, 250.

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
232, 247, 250

Protanopia
247, 243, 247

Deuteranopia
255, 240, 248

Tritanopia
239, 244, 255

Trichromacy

Original Color
232, 247, 250

Protanomaly
242, 244, 248

Deuteranomaly
247, 243, 249

Tritanomaly
236, 245, 253

Monochromacy

Original Color
232, 247, 250

Achromatopsia
243, 243, 243

Achromatomaly
239, 244, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 247, 250 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(232, 247, 250) looks like.

```
.text, #text, p{
    color:rgb(232, 247, 250)
}
```

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(232, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 247, 250) }
```

Border

The CSS property to change the border of an element to RGB 232, 247, 250 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(232, 247, 250) }
```

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

```
.border{ border-color:rgb(232, 247, 250) }
```

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

Here you see how a box with a 4 pixel rgb(232, 247, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 247, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 247, 250); box-shadow:4px 4px 4px 4px rgb(232, 247, 250) }
```

Background

The CSS property to change the background color of an element to RGB 232, 247, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(232, 247, 250) }
```

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

```
.background{ background-color:rgb(232,
247, 250) }
```

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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