Converting Colors

RGB(228, 233, 244)

Have a look what the booklet for RGB(228, 233, 244) contains.

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Color

RGB(228, 233, 244)

Conversions

Format	Color
Hex	E4E9F4
RGB	228, 233, 244
RGB Percent	89%, 91%, 96%
CMY	0.1059, 0.0863, 0.0431
CMYK	0.07, 0.05, 0.00, 0.04
HSL	221°, 42%, 93%
HSV	221°, 7%, 96%
XYZ	77.4630, 81.3035, 97.1984
YIQ	232.7590, -6.5110, 2.3610

Conversions Part 1

Conversions

Conversions Part 2

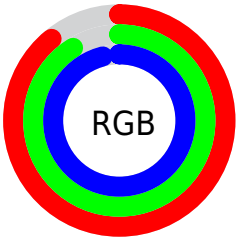
Format	Color
RYB	228, 232, 244
Decimal	15002100
CIELab	92.27, 0.38, -5.91
CIELCh	92, 5.919, 273.633
Yxy	81.3035, 0.3026, 0.3176
Android (android.graphics.Color)	4293192180 (0xFFE4E9F4)
YUV	232.7590, 5.5418, -4.1736
Hunter-Lab	90.1684, -4.4469, -0.7946

Details

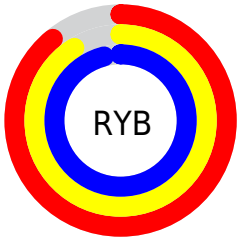
The RGB color 228, 233, 244 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 244, 239, 228, and the grayscale version is 233, 233, 233.

A 20% lighter version of the original color is 255, 255, 255, and 173, 177, 188 is the 20% darker color. If you saturate the color by 10%, you get 204, 216, 244, and if you desaturate by 10%, it is 252, 250, 244.

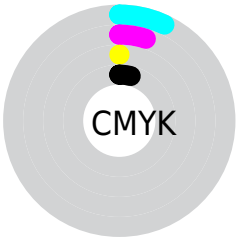
Distribution



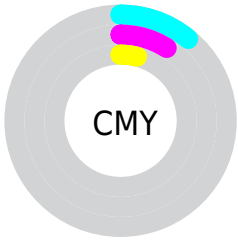
- Red (89%)
- Green (91%)
- Blue (96%)



- Red (89%)
- Yellow (91%)
- Blue (96%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 233, 244 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 228, 233, 244 by changing the saturation by 10% instead.

228, 233, 244

255, 255, 255

228, 233, 244

200, 205, 216

173, 177, 188

146, 151, 161

120, 125, 135

95, 100, 109

72, 76, 85

49, 53, 62

28, 32, 40

2, 9, 20

228, 233, 244

204, 216, 244

179, 199, 244

155, 183, 244

130, 166, 244

106, 149, 244

82, 132, 244

57, 116, 244

33, 99, 244

8, 82, 244

228, 233, 244

252, 250, 244

255, 255, 244

Harmonies

Analogous

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

222, 235, 243

228, 233, 244

235, 231, 242

Triad

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

228, 233, 244

245, 229, 227

224, 236, 228

Complementary

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

228, 233, 244

244, 239, 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.

230, 234, 223

228, 233, 244

243, 231, 223

Square

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

228, 233, 244

245, 229, 232

237, 233, 221

220, 236, 233

Rectangle

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

228, 233, 244

239, 230, 240

237, 233, 221

226, 235, 226

Sweetspot

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

228, 233, 244

250, 251, 255

228, 244, 239

125, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

228, 233, 244

235, 241, 255

231, 228, 244

110, 114, 122

0, 58, 186

0, 18, 59

Inverse Universe

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

244, 228, 233

255, 235, 241

241, 244, 228

122, 110, 114

186, 0, 58

59, 0, 18

Previews

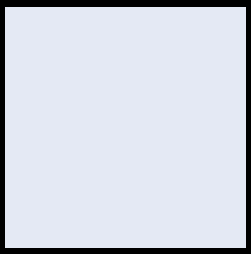
White Background

This preview shows how the RGB color 228, 233, 244 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



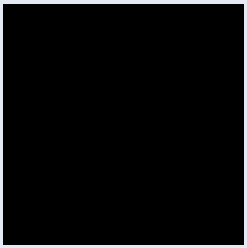
This preview shows how the RGB color 228, 233, 244 looks on a black background.

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 228, 233, 244 Background



This preview shows how black text looks on a background with the RGB color 228, 233, 244.

This preview shows how white text looks on a background with the RGB color 228, 233, 244.

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
228, 233, 244

Protanopia
234, 231, 243

Deuteranopia
249, 226, 245

Tritanopia
229, 232, 250

Trichromacy

Original Color
228, 233, 244

Protanomaly
232, 232, 243

Deuteranomaly
241, 229, 245

Tritanomaly
229, 232, 248

Monochromacy

Original Color
228, 233, 244

Achromatopsia
233, 233, 233

Achromatomaly
231, 233, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 233, 244 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(228, 233, 244) looks like.

```
.text, #text, p{
    color:rgb(228, 233, 244)
}
```

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(228, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 233, 244) }
```

Border

The CSS property to change the border of an element to RGB 228, 233, 244 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(228, 233, 244) }
```

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

```
.border{ border-color:rgb(228, 233, 244) }
```

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

Here you see how a box with a 4 pixel rgb(228, 233, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 233, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 233, 244); box-shadow:4px 4px 4px 4px rgb(228, 233, 244) }
```

Background

The CSS property to change the background color of an element to RGB 228, 233, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(228, 233, 244) }
```

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

```
.background{ background-color:rgb(228,
233, 244) }
```

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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