Converting Colors

RGB(232, 240, 237)

Have a look what the booklet for RGB(232, 240, 237) contains.

Color

RGB(232, 240, 237)

Conversions

Format	Color
Hex	E8F0ED
RGB	232, 240, 237
RGB Percent	91%, 94%, 93%
CMY	0.0902, 0.0588, 0.0706
CMYK	0.03, 0.00, 0.01, 0.06
HSL	158°, 21%, 93%
HSV	158°, 3%, 94%
XYZ	79.7249, 85.5904, 92.4394
YIQ	237.2660, -3.8050, -2.6290

Conversions Part 1

Conversions

Conversions Part 2

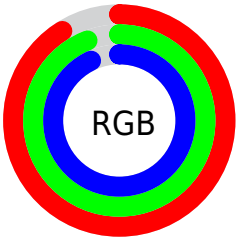
Format	Color
RYB	232, 237, 240
Decimal	15266029
CIELab	94.14, -3.18, 0.51
CIELCh	94, 3.226, 170.840
Yxy	85.5904, 0.3093, 0.3321
Android (android.graphics.Color)	4293456109 (0xFFE8F0ED)
YUV	237.2660, -0.1311, -4.6183
Hunter-Lab	92.5151, -8.0790, 5.5191

Details

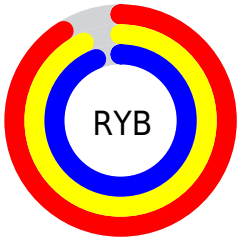
The RGB color 232, 240, 237 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 240, 232, 235, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 176, 184, 181 is the 20% darker color. If you saturate the color by 10%, you get 208, 240, 228, and if you desaturate by 10%, it is 255, 240, 246.

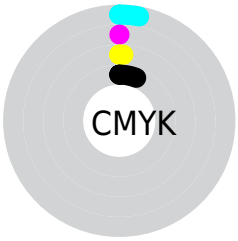
Distribution



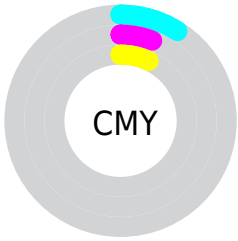
- Red (91%)
- Green (94%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 240, 237 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, 240, 237 by changing the saturation by 10% instead.

232, 240, 237

255, 255, 255

232, 240, 237

204, 212, 209

176, 184, 181

150, 157, 154

124, 131, 128

99, 106, 103

75, 82, 79

53, 59, 57

31, 37, 35

7, 16, 13

232, 240, 237

208, 240, 228

184, 240, 219

160, 240, 210

136, 240, 201

112, 240, 192

88, 240, 183

64, 240, 174

40, 240, 165

16, 240, 156

232, 240, 237

255, 240, 246

255, 240, 255

255, 240, 255

Harmonies

Analogous

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

235, 239, 234

232, 240, 237

231, 240, 240

Triad

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

232, 240, 237

238, 238, 244

244, 237, 233

Complementary

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

232, 240, 237

240, 232, 235

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.

245, 236, 236

232, 240, 237

241, 237, 242

Square

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

232, 240, 237

234, 239, 244

244, 236, 239

242, 238, 232

Rectangle

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

232, 240, 237

231, 240, 242

244, 236, 239

245, 236, 234

Sweetspot

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

232, 240, 237

252, 255, 254

235, 240, 232

126, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

232, 240, 237

245, 255, 251

232, 239, 240

114, 120, 118

0, 184, 115

0, 56, 35

Inverse Universe

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

240, 232, 235

255, 245, 249

240, 233, 232

120, 114, 116

184, 0, 69

56, 0, 21

Previews

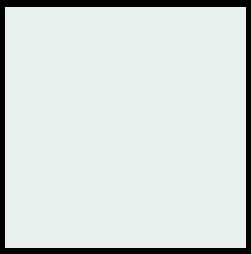
White Background

This preview shows how the RGB color 232, 240, 237 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



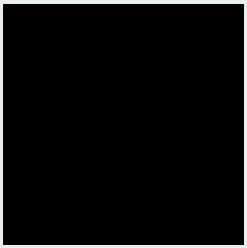
This preview shows how the RGB color 232, 240, 237 looks on a black background.

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, 240, 237 Background



This preview shows how black text looks on a background with the RGB color 232, 240, 237.

This preview shows how white text looks on a background with the RGB color 232, 240, 237.

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, 240, 237

Protanopia
243, 237, 235

Deuteranopia
255, 232, 239

Tritanopia
235, 237, 255

Trichromacy

Original Color
232, 240, 237

Protanomaly
239, 238, 236

Deuteranomaly
247, 235, 238

Tritanomaly
234, 238, 248

Monochromacy

Original Color
232, 240, 237

Achromatopsia
237, 237, 237

Achromatomaly
235, 238, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 240, 237 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, 240, 237) looks like.

```
.text, #text, p{
    color:rgb(232, 240, 237)
}
```

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, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 237) }
```

Border

The CSS property to change the border of an element to RGB 232, 240, 237 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, 240, 237) }
```

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

```
.border{ border-color:rgb(232, 240, 237) }
```

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

Here you see how a box with a 4 pixel rgb(232, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 240, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 240, 237); box-shadow:4px 4px 4px 4px rgb(232, 240, 237) }
```

Background

The CSS property to change the background color of an element to RGB 232, 240, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(232, 240, 237) }
```

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

```
.background{ background-color:rgb(232,
240, 237) }
```

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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