Converting Colors

RGB(237, 249, 253)

Have a look what the booklet for RGB(237, 249, 253) contains.

Color

RGB(237, 249, 253)

Conversions

Conversions Part 1

Format	Color
Hex	EDF9FD
RGB	237, 249, 253
RGB Percent	93%, 98%, 99%
CMY	0.0706, 0.0235, 0.0078
CMYK	0.06, 0.02, 0.00, 0.01
HSL	195°, 80%, 96%
HSV	195°, 6%, 99%
XYZ	86.5304, 92.8477, 106.2893
YIQ	245.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

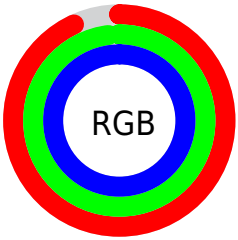
Format	Color
RYB	237, 244, 253
Decimal	15596029
CIELab	97.17, -3.19, -3.29
CIELCh	97, 4.578, 225.871
Yxy	92.8477, 0.3029, 0.3250
Android (android.graphics.Color)	4293786109 (0xFFEDF9FD)
YUV	245.8680, 3.5161, -7.7772
Hunter-Lab	96.3575, -8.3303, 2.0491

Details

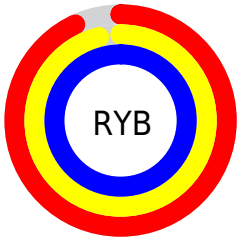
The RGB color 237, 249, 253 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 253, 241, 237, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 181, 193, 196 is the 20% darker color. If you saturate the color by 10%, you get 212, 243, 253, and if you desaturate by 10%, it is 255, 255, 253.

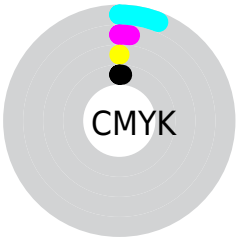
Distribution



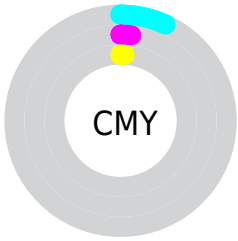
- Red (93%)
- Green (98%)
- Blue (99%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 249, 253 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 237, 249, 253 by changing the saturation by 10% instead.

237, 249, 253

255, 255, 255

237, 249, 253

209, 220, 224

181, 193, 196

154, 165, 169

128, 139, 143

103, 114, 117

79, 89, 93

56, 66, 69

34, 44, 47

14, 23, 26

237, 249, 253

212, 243, 253

186, 236, 253

161, 230, 253

136, 224, 253

111, 217, 253

85, 211, 253

60, 205, 253

35, 198, 253

9, 192, 253

237, 249, 253

255, 255, 253

Harmonies

Analogous

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

236, 250, 249

237, 249, 253

240, 248, 255

Triad

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

237, 249, 253

255, 244, 249

248, 247, 238

Complementary

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

237, 249, 253

253, 241, 237

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, 246, 238

237, 249, 253

255, 244, 245

Square

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

237, 249, 253

251, 245, 253

255, 245, 241

243, 249, 241

Rectangle

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

237, 249, 253

244, 247, 255

255, 245, 241

250, 247, 238

Sweetspot

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

237, 249, 253

250, 254, 255

237, 253, 241

125, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

237, 249, 253

235, 250, 255

237, 241, 253

115, 124, 128

0, 143, 191

0, 48, 64

Inverse Universe

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

253, 237, 249

255, 235, 250

253, 249, 237

128, 115, 124

191, 0, 143

64, 0, 48

Previews

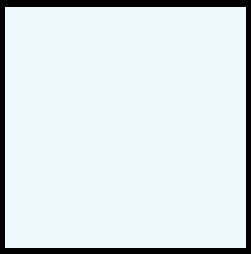
White Background

This preview shows how the RGB color 237, 249, 253 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



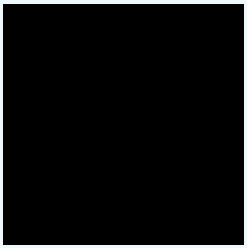
This preview shows how the RGB color 237, 249, 253 looks on a black background.

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 237, 249, 253 Background



This preview shows how black text looks on a background with the RGB color 237, 249, 253.

This preview shows how white text looks on a background with the RGB color 237, 249, 253.

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
237, 249, 253

Protanopia
250, 245, 251

Deuteranopia
255, 244, 250

Tritanopia
244, 247, 255

Trichromacy

Original Color
237, 249, 253

Protanomaly
245, 246, 252

Deuteranomaly
248, 246, 251

Tritanomaly
241, 248, 254

Monochromacy

Original Color
237, 249, 253

Achromatopsia
246, 246, 246

Achromatomaly
243, 247, 249

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 249, 253 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(237, 249, 253) looks like.

```
.text, #text, p{
    color:rgb(237, 249, 253)
}
```

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(237, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 253) }
```

Border

The CSS property to change the border of an element to RGB 237, 249, 253 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(237, 249, 253) }
```

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

```
.border{ border-color:rgb(237, 249, 253) }
```

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

Here you see how a box with a 4 pixel rgb(237, 249, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 249, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 249, 253); box-shadow:4px 4px 4px 4px rgb(237, 249, 253) }
```

Background

The CSS property to change the background color of an element to RGB 237, 249, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(237, 249, 253) }
```

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

```
.background{ background-color:rgb(237,
249, 253) }
```

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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