Converting Colors

RGB(229, 247, 245)

Have a look what the booklet for RGB(229, 247, 245) contains.

Color

RGB(229, 247, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E5F7F5
RGB	229, 247, 245
RGB Percent	90%, 97%, 96%
CMY	0.1020, 0.0314, 0.0392
CMYK	0.07, 0.00, 0.01, 0.03
HSL	173°, 53%, 93%
HSV	173°, 7%, 97%
XYZ	82.0553, 89.7721, 99.3892
YIQ	241.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

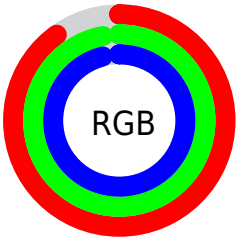
Format	Color
RYB	229, 239, 247
Decimal	15071221
CIELab	95.90, -6.24, -1.07
CIELCh	96, 6.335, 189.768
Yxy	89.7721, 0.3025, 0.3310
Android (android.graphics.Color)	4293261301 (0xFFE5F7F5)
YUV	241.3900, 1.7797, -10.8660
Hunter-Lab	94.7481, -11.2219, 4.1295

Details

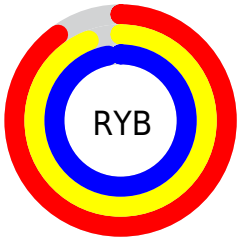
The RGB color 229, 247, 245 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 247, 229, 231, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 173, 191, 189 is the 20% darker color. If you saturate the color by 10%, you get 204, 247, 242, and if you desaturate by 10%, it is 254, 247, 248.

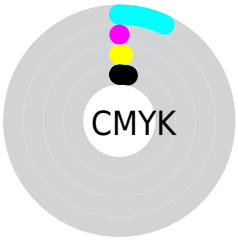
Distribution



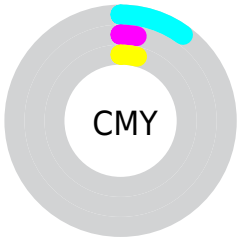
- Red (90%)
- Green (97%)
- Blue (96%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 247, 245 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 229, 247, 245 by changing the saturation by 10% instead.

229, 247, 245

255, 255, 255

229, 247, 245

201, 219, 217

173, 191, 189

147, 164, 162

121, 137, 136

96, 112, 110

72, 87, 86

50, 64, 63

28, 42, 41

4, 22, 20

229, 247, 245

204, 247, 242

180, 247, 240

155, 247, 237

130, 247, 234

106, 247, 231

81, 247, 229

56, 247, 226

31, 247, 223

7, 247, 220

229, 247, 245

254, 247, 248

255, 247, 250

255, 247, 253

255, 247, 255

Harmonies

Analogous

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

233, 247, 239

229, 247, 245

229, 246, 251

Triad

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

229, 247, 245

247, 241, 253

253, 241, 232

Complementary

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

229, 247, 245

247, 229, 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.

255, 240, 236

229, 247, 245

253, 240, 248

Square

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

229, 247, 245

240, 243, 255

255, 239, 241

246, 243, 231

Rectangle

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

229, 247, 245

231, 246, 254

255, 239, 241

254, 241, 233

Sweetspot

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

229, 247, 245

250, 255, 254

231, 247, 229

125, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

229, 247, 245

232, 255, 252

229, 240, 247

110, 122, 121

0, 186, 165

0, 59, 52

Inverse Universe

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

247, 229, 231

255, 232, 235

247, 236, 229

122, 110, 112

186, 0, 21

59, 0, 7

Previews

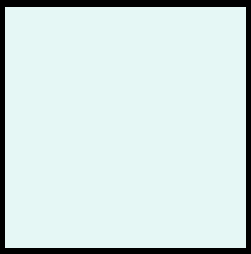
White Background

This preview shows how the RGB color 229, 247, 245 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



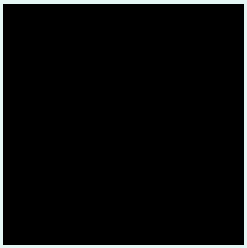
This preview shows how the RGB color 229, 247, 245 looks on a black background.

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 229, 247, 245 Background



This preview shows how black text looks on a background with the RGB color 229, 247, 245.

This preview shows how white text looks on a background with the RGB color 229, 247, 245.

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
229, 247, 245

Protanopia
247, 242, 242

Deuteranopia
255, 239, 245

Tritanopia
237, 244, 255

Trichromacy

Original Color
229, 247, 245

Protanomaly
240, 244, 243

Deuteranomaly
246, 242, 245

Tritanomaly
234, 245, 251

Monochromacy

Original Color
229, 247, 245

Achromatopsia
241, 241, 241

Achromatomaly
237, 243, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 247, 245 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(229, 247, 245) looks like.

```
.text, #text, p{
    color:rgb(229, 247, 245)
}
```

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(229, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 245) }
```

Border

The CSS property to change the border of an element to RGB 229, 247, 245 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(229, 247, 245) }
```

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

```
.border{ border-color:rgb(229, 247, 245) }
```

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

Here you see how a box with a 4 pixel rgb(229, 247, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 247, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 247, 245); box-shadow:4px 4px 4px 4px rgb(229, 247, 245) }
```

Background

The CSS property to change the background color of an element to RGB 229, 247, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(229, 247, 245) }
```

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

```
.background{ background-color:rgb(229,
247, 245) }
```

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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