Converting Colors

RGB(249, 236, 240)

Have a look what the booklet for RGB(249, 236, 240) contains.

Color

RGB(249, 236, 240)

Conversions

Format	Color
Hex	F9ECF0
RGB	249, 236, 240
RGB Percent	98%, 93%, 94%
CMY	0.0235, 0.0745, 0.0588
CMYK	0.00, 0.05, 0.04, 0.02
HSL	342°, 52%, 95%
HSV	342°, 5%, 98%
XYZ	84.7906, 86.4219, 94.6502
YIQ	240.3430, 6.4640, 4.0000

Conversions Part 1

Conversions

Conversions Part 2

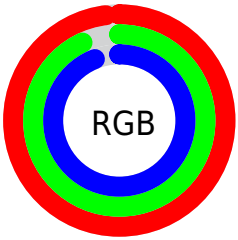
Format	Color
RYB	249, 236, 240
Decimal	16379120
CIELab	94.49, 5.07, -0.37
CIELCh	94, 5.079, 355.807
Yxy	86.4219, 0.3189, 0.3251
Android (android.graphics.Color)	4294569200 (0xFFF9ECF0)
YUV	240.3430, -0.1691, 7.5922
Hunter-Lab	92.9634, 0.1213, 4.7085

Details

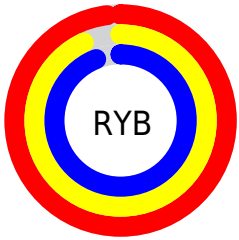
The RGB color 249, 236, 240 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 236, 249, 245, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 193, 180, 184 is the 20% darker color. If you saturate the color by 10%, you get 249, 211, 223, and if you desaturate by 10%, it is 249, 255, 255.

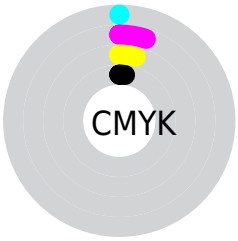
Distribution



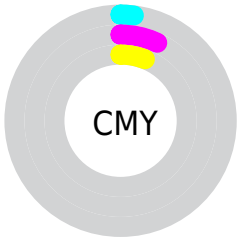
- Red (98%)
- Green (93%)
- Blue (94%)



- Red (98%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 236, 240 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 249, 236, 240 by changing the saturation by 10% instead.

249, 236, 240	249, 236, 240
255, 255, 255	220, 208, 212
	193, 180, 184
	165, 153, 157
	139, 127, 131
	114, 102, 106
	89, 78, 82
	66, 56, 59
	44, 34, 37
	24, 12, 16

249, 236, 240

249, 211, 223

249, 186, 206

249, 161, 188

249, 136, 171

249, 112, 154

249, 87, 137

249, 62, 119

249, 37, 102

249, 12, 85

249, 236, 240

249, 255, 255

Harmonies

Analogous

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

245, 237, 245

249, 236, 240

250, 236, 235

Triad

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

249, 236, 240

239, 240, 230

229, 241, 247

Complementary

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

249, 236, 240

236, 249, 245

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.

227, 242, 243

249, 236, 240

233, 241, 234

Square

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

249, 236, 240

244, 239, 229

229, 242, 238

234, 240, 249

Rectangle

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

249, 236, 240

249, 237, 232

229, 242, 238

228, 242, 246

Sweetspot

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

249, 236, 240

255, 250, 251

245, 236, 249

128, 125, 126

0, 0, 0

128, 128, 128

Same Dimension

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

249, 236, 240

255, 240, 244

249, 238, 236

125, 116, 119

189, 0, 58

61, 0, 19

Inverse Universe

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

249, 236, 240

255, 240, 244

236, 247, 249

125, 116, 119

189, 0, 58

61, 0, 19

Previews

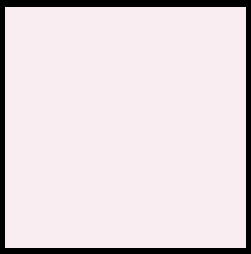
White Background

This preview shows how the RGB color 249, 236, 240 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



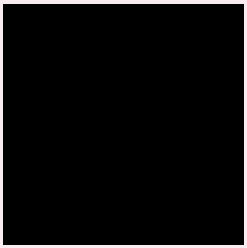
This preview shows how the RGB color 249, 236, 240 looks on a black background.

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 249, 236, 240 Background



This preview shows how black text looks on a background with the RGB color 249, 236, 240.

This preview shows how white text looks on a background with the RGB color 249, 236, 240.

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
249, 236, 240

Protanopia
243, 238, 241

Deuteranopia
255, 234, 240

Tritanopia
251, 234, 252

Trichromacy

Original Color
249, 236, 240

Protanomaly
245, 237, 241

Deuteranomaly
253, 235, 240

Tritanomaly
250, 235, 248

Monochromacy

Original Color
249, 236, 240

Achromatopsia
240, 240, 240

Achromatomaly
243, 239, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 236, 240 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(249, 236, 240) looks like.

```
.text, #text, p{
    color:rgb(249, 236, 240)
}
```

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(249, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 240) }
```

Border

The CSS property to change the border of an element to RGB 249, 236, 240 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(249, 236, 240) }
```

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

```
.border{ border-color:rgb(249, 236, 240) }
```

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

Here you see how a box with a 4 pixel rgb(249, 236, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 236, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 236, 240); box-shadow:4px 4px 4px 4px rgb(249, 236, 240) }
```

Background

The CSS property to change the background color of an element to RGB 249, 236, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 236, 240) }
```

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

```
.background{ background-color:rgb(249,
236, 240) }
```

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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