Converting Colors

RGB(255, 238, 240)

Have a look what the booklet for RGB(255, 238, 240) contains.

Color

RGB(255, 238, 240)

Conversions

Format	Color
Hex	FFEEF0
RGB	255, 238, 240
RGB Percent	100%, 93%, 94%
CMY	0.0000, 0.0667, 0.0588
CMYK	0.00, 0.07, 0.06, 0.00
HSL	353°, 100%, 97%
HSV	353°, 7%, 100%
XYZ	87.5427, 88.7003, 94.9450
YIQ	243.3110, 9.4900, 4.2260

Conversions Part 1

Conversions

Conversions Part 2

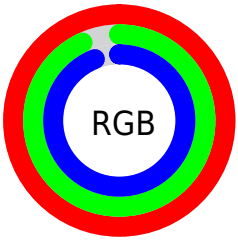
Format	Color
RYB	255, 238, 240
Decimal	16772848
CIELab	95.46, 6.07, 1.09
CIELCh	95, 6.166, 10.185
Yxy	88.7003, 0.3228, 0.3271
Android (android.graphics.Color)	4294962928 (0xFFFFEEF0)
YUV	243.3110, -1.6323, 10.2513
Hunter-Lab	94.1809, 1.1023, 6.1556

Details

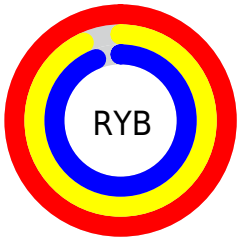
The RGB color 255, 238, 240 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 238, 255, 253, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 198, 182, 184 is the 20% darker color. If you saturate the color by 10%, you get 255, 213, 218, and if you desaturate by 10%, it is 255, 255, 255.

Distribution

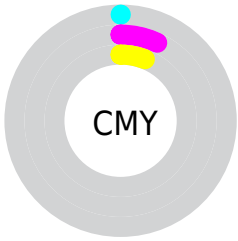


- Red (100%)
- Green (93%)
- Blue (94%)



- Red (100%)
- Yellow (93%)
- Blue (94%)

- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 238, 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 255, 238, 240 by changing the saturation by 10% instead.

255, 238, 240

255, 255, 255

255, 238, 240

226, 210, 212

198, 182, 184

171, 155, 157

144, 129, 131

119, 104, 106

94, 80, 82

70, 57, 59

48, 36, 37

27, 14, 16

255, 238, 240

255, 213, 218

255, 187, 195

255, 162, 173

255, 136, 150

255, 111, 128

255, 85, 105

255, 59, 83

255, 34, 60

255, 8, 38

255, 238, 240

255, 255, 255

Harmonies

Analogous

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

252, 238, 246

255, 238, 240

255, 239, 234

Triad

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

255, 238, 240

238, 244, 233

232, 244, 253

Complementary

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

255, 238, 240

238, 255, 253

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.

228, 245, 249

255, 238, 240

232, 245, 238

Square

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

255, 238, 240

245, 242, 230

228, 246, 244

238, 242, 254

Rectangle

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

255, 238, 240

253, 240, 232

228, 246, 244

230, 244, 252

Sweetspot

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

255, 238, 240

255, 250, 251

253, 238, 255

128, 125, 125

0, 0, 0

128, 128, 128

Same Dimension

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

255, 238, 240

255, 235, 237

255, 244, 238

128, 115, 116

191, 0, 23

64, 0, 8

Inverse Universe

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

255, 238, 240

255, 235, 237

238, 249, 255

128, 115, 116

191, 0, 22

64, 0, 7

Previews

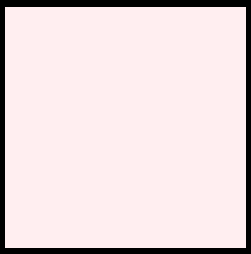
White Background

This preview shows how the RGB color 255, 238, 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



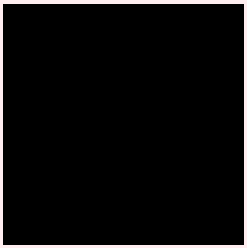
This preview shows how the RGB color 255, 238, 240 looks on a black background.

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 255, 238, 240 Background



This preview shows how black text looks on a background with the RGB color 255, 238, 240.

This preview shows how white text looks on a background with the RGB color 255, 238, 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
255, 238, 240

Protanopia
246, 241, 242

Deuteranopia
255, 238, 241

Tritanopia
255, 237, 253

Trichromacy

Original Color
255, 238, 240

Protanomaly
249, 240, 241

Deuteranomaly
255, 238, 241

Tritanomaly
255, 237, 248

Monochromacy

Original Color
255, 238, 240

Achromatopsia
243, 243, 243

Achromatomaly
247, 241, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 238, 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(255, 238, 240) looks like.

```
.text, #text, p{
    color:rgb(255, 238, 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(255, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 240) }
```

Border

The CSS property to change the border of an element to RGB 255, 238, 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(255, 238, 240) }
```

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

```
.border{ border-color:rgb(255, 238, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 238, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 238, 240); box-shadow:4px 4px 4px 4px rgb(255, 238, 240) }
```

Background

The CSS property to change the background color of an element to RGB 255, 238, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 238, 240) }
```

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

```
.background{ background-color:rgb(255,
238, 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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