Converting Colors

RGB(255, 236, 245)

Have a look what the booklet for RGB(255, 236, 245) contains.

Color

RGB(255, 236, 245)

Conversions

Format	Color
Hex	FFECF5
RGB	255, 236, 245
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0745, 0.0392
CMYK	0.00, 0.07, 0.04, 0.00
HSL	332°, 100%, 96%
HSV	332°, 7%, 100%
XYZ	87.7169, 87.8435, 98.7185
YIQ	242.7070, 8.4350, 6.8270

Conversions Part 1

Conversions

Conversions Part 2

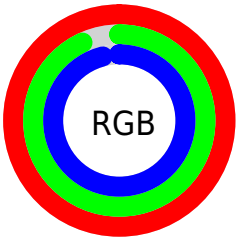
Format	Color
RYB	255, 236, 245
Decimal	16772341
CIELab	95.09, 7.94, -2.03
CIELCh	95, 8.198, 345.671
Yxy	87.8435, 0.3198, 0.3203
Android (android.graphics.Color)	4294962421 (0xFFFFECF5)
YUV	242.7070, 1.1304, 10.7810
Hunter-Lab	93.7249, 3.0393, 3.1584

Details

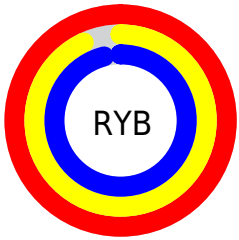
The RGB color 255, 236, 245 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 236, 255, 246, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 198, 180, 189 is the 20% darker color. If you saturate the color by 10%, you get 255, 211, 232, and if you desaturate by 10%, it is 255, 255, 255.

Distribution

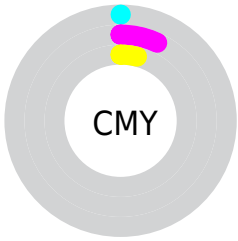


- Red (100%)
- Green (93%)
- Blue (96%)



- Red (100%)
- Yellow (93%)
- Blue (96%)

- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 236, 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 255, 236, 245 by changing the saturation by 10% instead.

255, 236, 245

255, 255, 255

255, 236, 245

226, 208, 217

198, 180, 189

171, 153, 162

144, 127, 136

119, 102, 110

94, 78, 86

70, 56, 63

48, 34, 41

27, 12, 21

255, 236, 245

255, 211, 232

255, 185, 218

255, 160, 205

255, 134, 191

255, 109, 178

255, 83, 164

255, 57, 151

255, 32, 138

255, 7, 124

255, 236, 245

255, 255, 255

Harmonies

Analogous

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

248, 238, 252

255, 236, 245

255, 236, 237

Triad

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

255, 236, 245

243, 242, 226

223, 245, 252

Complementary

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

255, 236, 245

236, 255, 246

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.

222, 246, 245

255, 236, 245

234, 244, 230

Square

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

255, 236, 245

252, 239, 226

226, 245, 237

229, 243, 255

Rectangle

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

255, 236, 245

255, 236, 232

226, 245, 237

222, 245, 250

Sweetspot

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

255, 236, 245

255, 250, 252

246, 236, 255

128, 125, 126

0, 0, 0

128, 128, 128

Same Dimension

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

255, 236, 245

255, 232, 243

255, 236, 236

128, 115, 121

191, 0, 91

64, 0, 30

Inverse Universe

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

255, 236, 245

255, 232, 243

236, 255, 255

128, 115, 121

191, 0, 91

64, 0, 30

Previews

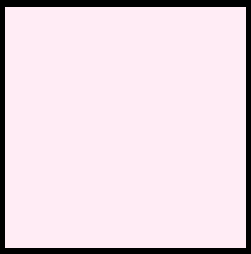
White Background

This preview shows how the RGB color 255, 236, 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



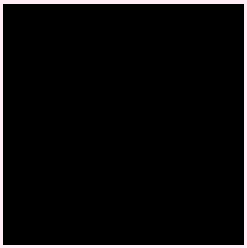
This preview shows how the RGB color 255, 236, 245 looks on a black background.

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 255, 236, 245 Background



This preview shows how black text looks on a background with the RGB color 255, 236, 245.

This preview shows how white text looks on a background with the RGB color 255, 236, 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
255, 236, 245

Protanopia
243, 240, 247

Deuteranopia
255, 236, 244

Tritanopia
255, 235, 252

Trichromacy

Original Color
255, 236, 245

Protanomaly
247, 239, 246

Deuteranomaly
255, 236, 244

Tritanomaly
255, 235, 249

Monochromacy

Original Color
255, 236, 245

Achromatopsia
243, 243, 243

Achromatomaly
247, 240, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 236, 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(255, 236, 245) looks like.

```
.text, #text, p{
    color:rgb(255, 236, 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(255, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 245) }
```

Border

The CSS property to change the border of an element to RGB 255, 236, 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(255, 236, 245) }
```

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

```
.border{ border-color:rgb(255, 236, 245) }
```

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

Here you see how a box with a 4 pixel rgb(255, 236, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 245); box-shadow:4px 4px 4px 4px rgb(255, 236, 245) }
```

Background

The CSS property to change the background color of an element to RGB 255, 236, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 236, 245) }
```

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

```
.background{ background-color:rgb(255,
236, 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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