Converting Colors

RGB(251, 247, 255)

Have a look what the booklet for RGB(251, 247, 255) contains.

Color

RGB(251, 247, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FBF7FF
RGB	251, 247, 255
RGB Percent	98%, 97%, 100%
CMY	0.0157, 0.0314, 0.0000
CMYK	0.02, 0.03, 0.00, 0.00
HSL	270°, 100%, 98%
HSV	270°, 3%, 100%
XYZ	91.0944, 94.2508, 107.9988
YIQ	249.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

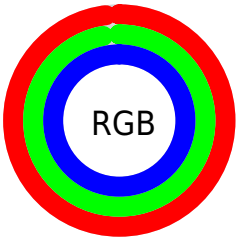
Format	Color
RYB	251, 247, 255
Decimal	16513023
CIELab	97.73, 2.74, -3.37
CIELCh	98, 4.342, 309.174
Yxy	94.2508, 0.3105, 0.3213
Android (android.graphics.Color)	4294703103 (0xFFFBF7FF)
YUV	249.1080, 2.9048, 1.6593
Hunter-Lab	97.0828, -2.4054, 2.0014

Details

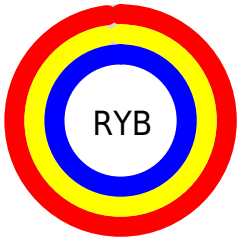
The RGB color 251, 247, 255 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 251, 255, 247, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 195, 191, 198 is the 20% darker color. If you saturate the color by 10%, you get 238, 222, 255, and if you desaturate by 10%, it is 255, 255, 255.

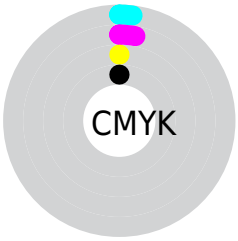
Distribution



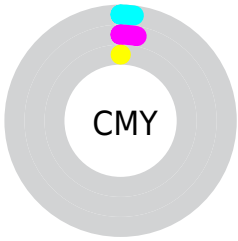
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 247, 255 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 251, 247, 255 by changing the saturation by 10% instead.

251, 247, 255	251, 247, 255
255, 255, 255	222, 219, 226
	195, 191, 198
	167, 164, 171
	141, 137, 145
	115, 112, 119
	91, 88, 94
	67, 64, 71
	45, 42, 48
	25, 22, 27

251, 247, 255	251, 247, 255
238, 222, 255	255, 255, 255
225, 196, 255	
213, 171, 255	
200, 145, 255	
187, 120, 255	
174, 94, 255	
162, 68, 255	
149, 43, 255	
136, 17, 255	

Harmonies

Analogous

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

246, 248, 255

251, 247, 255

255, 246, 252

Triad

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

251, 247, 255

255, 247, 241

239, 251, 250

Complementary

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

```
251, 247, 255
```

```
251, 255, 247
```

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.

241, 251, 245

251, 247, 255

251, 249, 240

Square

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

251, 247, 255

255, 246, 243

246, 250, 242

239, 251, 254

Rectangle

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

251, 247, 255

255, 246, 249

246, 250, 242

239, 251, 248

Sweetspot

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

251, 247, 255

254, 252, 255

247, 251, 255

127, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

251, 247, 255

250, 245, 255

255, 247, 255

124, 121, 128

96, 0, 191

32, 0, 64

Inverse Universe

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

255, 247, 251

255, 245, 250

247, 255, 247

128, 121, 124

191, 0, 96

64, 0, 32

Previews

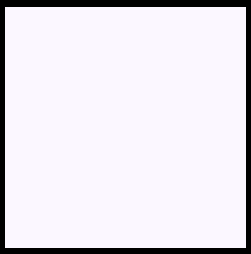
White Background

This preview shows how the RGB color 251, 247, 255 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



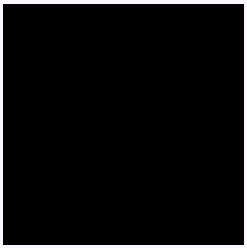
This preview shows how the RGB color 251, 247, 255 looks on a black background.

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 251, 247, 255 Background



This preview shows how black text looks on a background with the RGB color 251, 247, 255.

This preview shows how white text looks on a background with the RGB color 251, 247, 255.

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
251, 247, 255

Protanopia
251, 247, 255

Deuteranopia
255, 246, 251

Tritanopia
250, 247, 255

Trichromacy

Original Color
251, 247, 255

Protanomaly
251, 247, 255

Deuteranomaly
254, 246, 252

Tritanomaly
250, 247, 255

Monochromacy

Original Color
251, 247, 255

Achromatopsia
249, 249, 249

Achromatomaly
250, 248, 251

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 247, 255 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(251, 247, 255) looks like.

```
.text, #text, p{
    color:rgb(251, 247, 255)
}
```

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(251, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 255) }
```

Border

The CSS property to change the border of an element to RGB 251, 247, 255 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(251, 247, 255) }
```

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

```
.border{ border-color:rgb(251, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 247, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 247, 255); box-shadow:4px 4px 4px 4px rgb(251, 247, 255) }
```

Background

The CSS property to change the background color of an element to RGB 251, 247, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(251, 247, 255) }
```

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

```
.background{ background-color:rgb(251,
247, 255) }
```

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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