

Converting Colors

RGB(255, 247, 255)

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

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Color

RGB(255, 247, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7FF
RGB	255, 247, 255
RGB Percent	100%, 97%, 100%
CMY	0.0000, 0.0314, 0.0000
CMYK	0.00, 0.03, 0.00, 0.00
HSL	300°, 100%, 98%
HSV	300°, 3%, 100%
XYZ	92.5508, 95.0015, 108.0669
YIQ	250.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

Format	Color
RYB	255, 247, 255
Decimal	16775167
CIELab	98.03, 4.06, -2.89
CIELCh	98, 4.981, 324.553
Yxy	95.0015, 0.3131, 0.3214
Android (android.graphics.Color)	4294965247 (0xFFFFF7FF)
YUV	250.3040, 2.3151, 4.1184
Hunter-Lab	97.4687, -1.0768, 2.4913

Details

The RGB color 255, 247, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 247, 255, 247, and the grayscale version is 250, 250, 250.

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

Distribution



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



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



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



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

Brightness & Saturation Gradients

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


 255, 247, 255

 255, 247, 255

255, 255, 255

 226, 219, 226


 198, 191, 198


 171, 164, 171

 145, 137, 145

 119, 112, 119

 94, 88, 94

 71, 64, 71

 48, 42, 48

 27, 22, 27

 255, 247, 255

 255, 247, 255

 255, 222, 255


255, 255, 255


 255, 196, 255


 255, 171, 255


 255, 145, 255

 255, 120, 255

 255, 94, 255

 255, 68, 255

 255, 43, 255

 255, 17, 255

Harmonies

Analogous

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



249, 248, 255



255, 247, 255



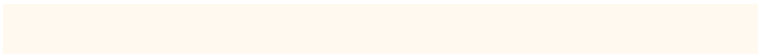
255, 246, 250

Triad

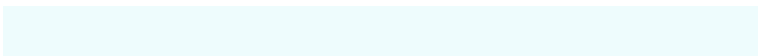
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 247, 255



255, 249, 240



238, 252, 253

Complementary

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



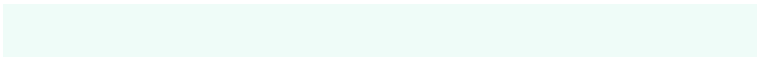
255, 247, 255



247, 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.



239, 252, 248



255, 247, 255



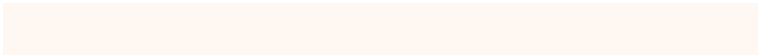
249, 250, 240

Square

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



255, 247, 255



255, 247, 242



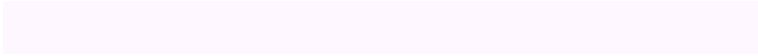
244, 252, 244



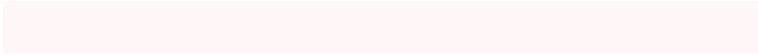
239, 251, 255

Rectangle

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



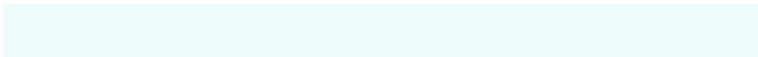
255, 247, 255



255, 246, 247



244, 252, 244



238, 252, 252

Sweetspot

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



255, 247, 255



255, 252, 255



247, 247, 255



128, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



255, 247, 255



255, 245, 255



255, 247, 251



128, 121, 128



191, 0, 191



64, 0, 64

Inverse Universe

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



255, 247, 255



255, 245, 255



247, 255, 251



128, 121, 128



191, 0, 191



64, 0, 64

Previews

White Background



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

Color Contrast Check

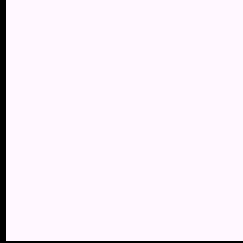
Large Text (above 18pt) WCAG AA × Fail

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 255, 247, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

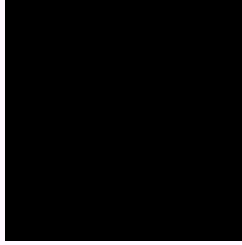
Any Text WCAG AA ✓ Pass

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 255, 247, 255 Background



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



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

Protanopia
252, 248, 255

Deuteranopia
255, 247, 251



Tritanopia

252, 248, 255

Trichromacy



Original Color

255, 247, 255

Protanomaly

253, 248, 255

Deuteranomaly

255, 247, 252

Tritanomaly

253, 248, 255

Monochromacy



Original Color

255, 247, 255

Achromatopsia

250, 250, 250

Achromatomaly

252, 249, 252

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(255, 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(255, 247, 255) colored shadow looks like.

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

Border

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

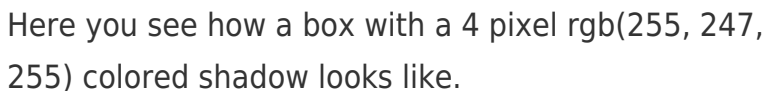
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 247, 255) }
```

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

```
.border{ border-color:rgb(255, 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(255, 247, 255)` colored shadow looks like.

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

Background

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

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

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