

Converting Colors

RGB(247, 252, 255)

Have a look what the booklet for
RGB(247, 252, 255) contains.

RGB(247, 252, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(247, 252, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F7FCFF
RGB	247, 252, 255
RGB Percent	97%, 99%, 100%
CMY	0.0314, 0.0118, 0.0000
CMYK	0.03, 0.01, 0.00, 0.00
HSL	202°, 100%, 98%
HSV	202°, 3%, 100%
XYZ	91.2182, 96.6150, 108.4486
YIQ	250.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

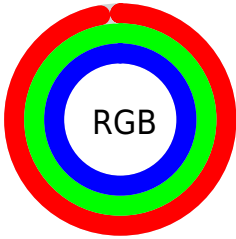
Format	Color
R _Y B	247, 250, 255
Decimal	16252159
CIE Lab	98.68, -1.10, -2.02
CIE LCh	99, 2.297, 241.395
Yxy	96.6150, 0.3079, 0.3261
Android (android.graphics.Color)	4294442239 (0xFF7FCFF)
YUV	250.8470, 2.0474, -3.3738
Hunter-Lab	98.2929, -6.3603, 3.3892

Details

The RGB color 247, 252, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 255, 250, 247, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 191, 195, 198 is the 20% darker color. If you saturate the color by 10%, you get 222, 242, 255, and if you desaturate by 10%, it is 255, 255, 255.

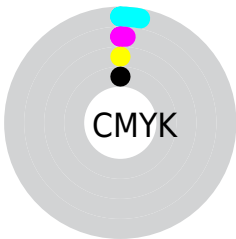
Distribution



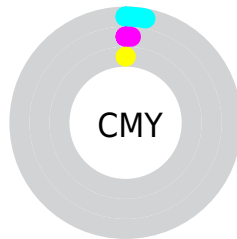
- Red (97%)
- Green (99%)
- Blue (100%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 252, 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 247, 252, 255 by changing the saturation by 10% instead.


 247, 252, 255

 247, 252, 255

255, 255, 255


 219, 223, 226

 191, 195, 198

 164, 168, 171

 137, 142, 145

 112, 116, 119

 88, 92, 94

 64, 68, 71

 42, 46, 48

 22, 25, 27

247, 252, 255

247, 252, 255

222, 242, 255

255, 255, 255

196, 233, 255

171, 223, 255

145, 214, 255

120, 204, 255

94, 195, 255

68, 185, 255

43, 176, 255

17, 166, 255

Harmonies

Analogous

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



246, 252, 253



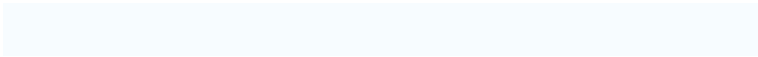
247, 252, 255



249, 251, 255

Triad

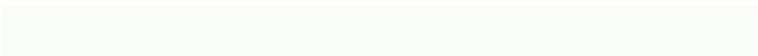
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 252, 255



255, 250, 251



250, 252, 247

Complementary

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



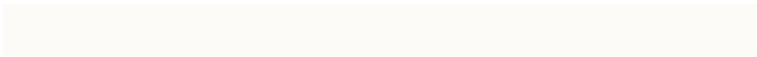
247, 252, 255



255, 250, 247

Split Complementary

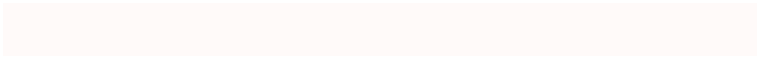
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 251, 247



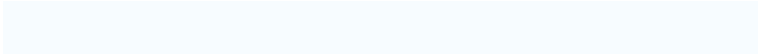
247, 252, 255



255, 250, 249

Square

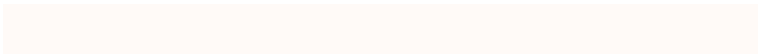
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 252, 255



254, 250, 253



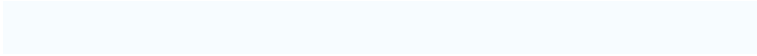
255, 250, 247



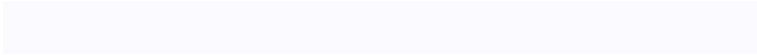
248, 252, 249

Rectangle

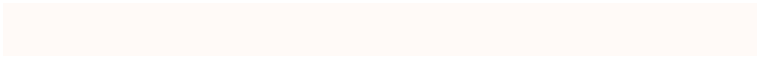
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 252, 255



251, 251, 255



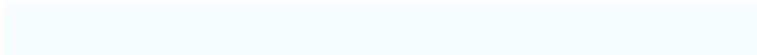
255, 250, 247



251, 252, 247

Sweetspot

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



247, 252, 255



252, 254, 255



247, 255, 250



126, 127, 128



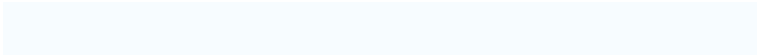
0, 0, 0



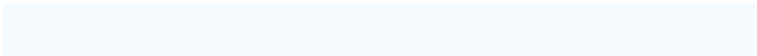
128, 128, 128

Same Dimension

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



247, 252, 255



245, 251, 255



247, 248, 255



121, 125, 128



0, 120, 191



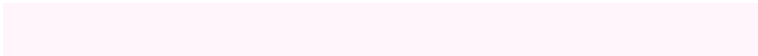
0, 40, 64

Inverse Universe

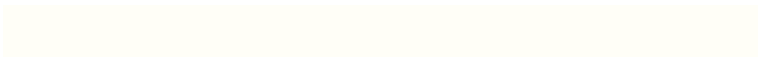
The Inverse Universe completely reimagines the original color for something new.



255, 247, 252



255, 245, 251



255, 254, 247



128, 121, 125



191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RGB color 247, 252, 255 looks on a white background.

Color Contrast Check

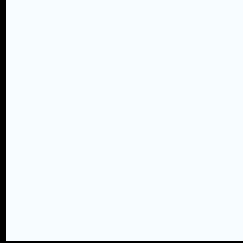
Large Text (above 18pt) WCAG AA × Fail

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 247, 252, 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

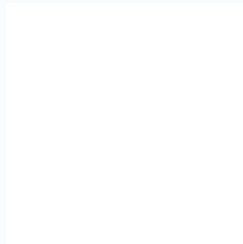
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 247, 252, 255 Background



This preview shows how black text looks on a background with the RGB color 247, 252, 255.

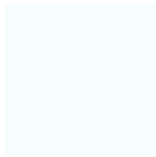


This preview shows how white text looks on a background with the RGB color 247, 252, 255.

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
247, 252, 255



Protanopia
255, 250, 254

Deuteranopia
255, 250, 252

Tritanopia

251, 251, 255

Trichromacy



Original Color

247, 252, 255

Protanomaly

252, 251, 254

Deuteranomaly

252, 251, 253

Tritanomaly

250, 251, 255

Monochromacy



Original Color

247, 252, 255

Achromatopsia

251, 251, 251

Achromatomaly

250, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 252, 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(247, 252, 255) looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 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(247, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 255) }
```

Border

The CSS property to change the border of an element to RGB 247, 252, 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(247, 252, 255) }
```

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

```
.border{ border-color:rgb(247, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 247, 252, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 255) }
```

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

```
.background{ background-color: rgb(247,  
252, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor