

# Converting Colors

RGB(243, 255, 247)

Have a look what the booklet for  
RGB(243, 255, 247) contains.

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# Color

**RGB(243, 255, 247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3FFF7
RGB	243, 255, 247
RGB Percent	95%, 100%, 97%
CMY	0.0471, 0.0000, 0.0314
CMYK	0.05, 0.00, 0.03, 0.00
HSL	140°, 100%, 98%
HSV	140°, 5%, 100%
XYZ	89.5106, 97.2901, 102.0568
YIQ	250.5000, -4.5840, -5.0320

# Conversions

## Conversions Part 2

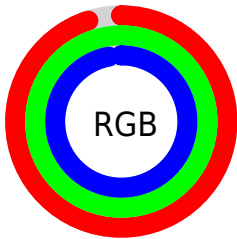
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 252, 255
Decimal	15990775
CIE <sub>Lab</sub>	98.94, -5.34, 2.45
CIE <sub>LCh</sub>	99, 5.878, 155.402
Yxy	97.2901, 0.3099, 0.3368
Android (android.graphics.Color)	4294180855 (0xFFFF3FFF7)
YUV	250.5000, -1.7255, -6.5775
Hunter-Lab	98.6357, -10.6261, 7.6986

# Details

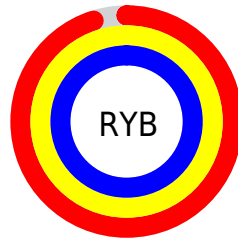
The RGB color 243, 255, 247 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 255, 243, 251, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 187, 198, 191 is the 20% darker color. If you saturate the color by 10%, you get 218, 255, 230, and if you desaturate by 10%, it is 255, 255, 255.

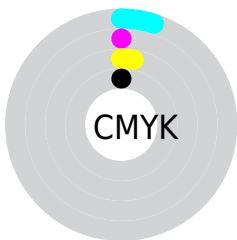
# Distribution



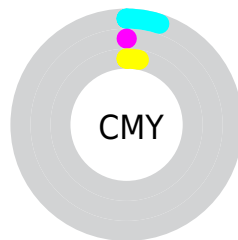
- Red (95%)
- Green (100%)
- Blue (97%)



- Red (95%)
- Yellow (99%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 243, 255, 247 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 243, 255, 247 by changing the saturation by 10% instead.





 243, 255, 247

255, 255, 255

 243, 255, 247

 215, 226, 219


 187, 198, 191

 160, 171, 164

 134, 145, 137

 108, 119, 112

 84, 94, 88

 61, 71, 64

 39, 48, 42

 19, 27, 22

243, 255, 247

243, 255, 247

218, 255, 230

255, 255, 255

192, 255, 213

166, 255, 196

141, 255, 179

115, 255, 162

90, 255, 145

64, 255, 128

39, 255, 111

13, 255, 94

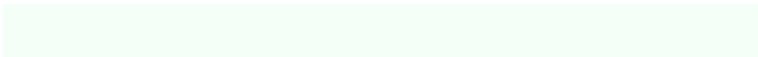
# Harmonies

## Analogous

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



249, 254, 243



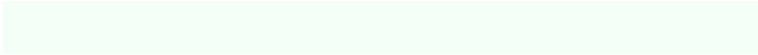
243, 255, 247



239, 255, 253

# Triad

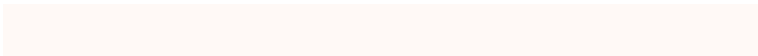
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243, 255, 247



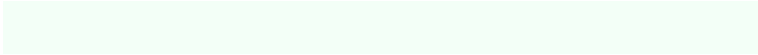
248, 252, 255



255, 249, 246

# Complementary

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



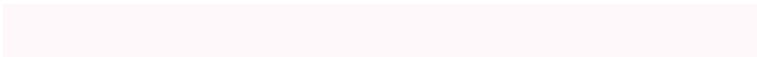
243, 255, 247



255, 243, 251

# 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.



255, 248, 251



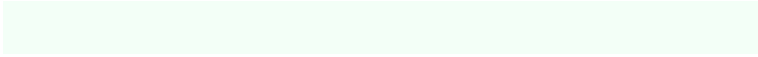
243, 255, 247



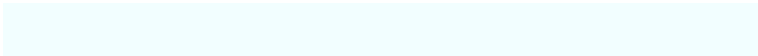
255, 250, 255

# Square

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



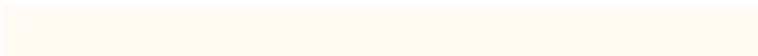
243, 255, 247



242, 254, 255



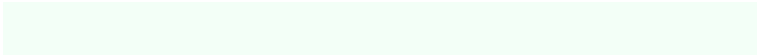
255, 249, 255



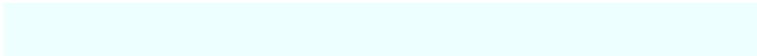
255, 250, 242

# Rectangle

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



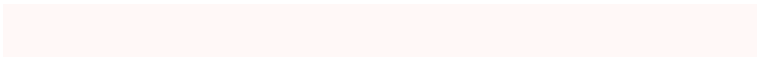
243, 255, 247



238, 255, 255



255, 249, 255

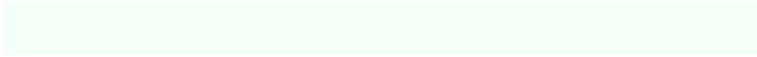


255, 248, 247



# Sweetspot

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



243, 255, 247



252, 255, 253



251, 255, 243



126, 128, 127



0, 0, 0

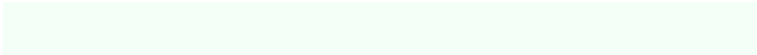


128, 128, 128



# Same Dimension

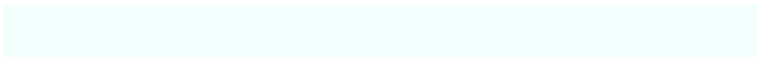
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 255, 247



240, 255, 245



243, 255, 253



119, 128, 122



0, 191, 64



0, 64, 21



# Inverse Universe

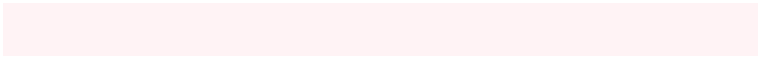
The Inverse Universe completely reimagines the original color for something new.



255, 243, 251



255, 240, 250



255, 243, 245



128, 119, 125



191, 0, 128

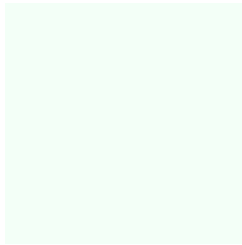


64, 0, 43



# Previews

## White Background



This preview shows how the RGB color 243, 255, 247 looks on a white background.

## Color Contrast Check

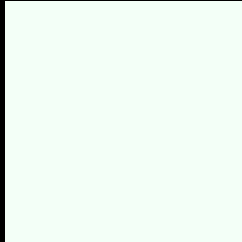
Large Text (above 18pt) WCAG AA × Fail

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 243, 255, 247 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

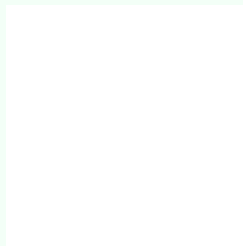
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 243, 255, 247 Background



This preview shows how black text looks on a background with the RGB color 243, 255, 247.

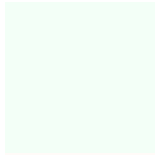


This preview shows how white text looks on a background with the RGB color 243, 255, 247.

# 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**  
[243](#), [255](#), [247](#)



**Protanopia**  
[255](#), [251](#), [248](#)

**Deuteranopia**  
[255](#), [251](#), [252](#)

# Tritanopia

251, 252, 255

# Trichromacy



**Original Color**

243, 255, 247

**Protanomaly**

251, 252, 248

**Deuteranomaly**

251, 252, 250

**Tritanomaly**

248, 253, 252

# Monochromacy



**Original Color**

243, 255, 247

**Achromatopsia**

251, 251, 251

**Achromatomaly**

248, 252, 250

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 243, 255, 247 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(243, 255, 247) looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 247)  
}
```

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(243, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 247) }
```

## Border

The CSS property to change the border of an element to RGB 243, 255, 247 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(243, 255, 247) }
```

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

```
.border{ border-color:rgb(243, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(243, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
247) }
```

# Background

The CSS property to change the background color of an element to RGB 243, 255, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 247) }
```

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

```
.background{ background-color: rgb(243,  
255, 247) }
```

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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