

# Converting Colors

`RYB(244, 250, 252)`

Have a look what the booklet for RYB(244, 250, 252) contains.

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# **Color**

**R<sub>Y</sub>B(244, 250, 252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FCF7
RGB	244, 252, 247
RGB Percent	96%, 99%, 97%
CMY	0.0431, 0.0118, 0.0327
CMYK	0.03, 0.00, 0.02, 0.01
HSL	140°, 57%, 97%
HSV	140°, 3%, 99%
XYZ	88.8557, 95.5487, 101.4858
YIQ	249.0380, -3.1630, -3.2510

# Conversions

## Conversions Part 2

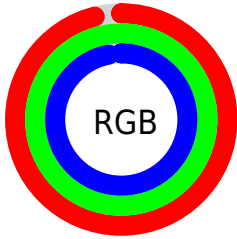
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 250, 252
Decimal	16055543
CIE Lab	98.25, -3.57, 1.62
CIE LCh	98, 3.921, 155.548
Yxy	95.5487, 0.3108, 0.3342
Android (android.graphics.Color)	4294245623 (0xFFFF4FCF7)
YUV	249.0380, -1.0047, -4.4183
Hunter-Lab	97.7490, -8.8009, 6.8678

# Details

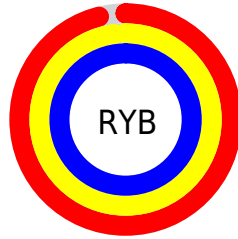
The RYB color 244, 250, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 252, 244, 249, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 188, 193, 195 is the 20% darker color. If you saturate the color by 10%, you get 219, 244, 252, and if you desaturate by 10%, it is 255, 252, 255.

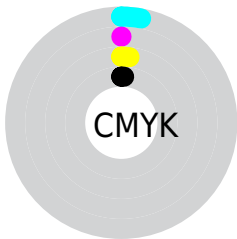
# Distribution



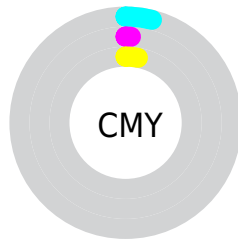
- Red (96%)
- Green (99%)
- Blue (97%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 244, 250, 252 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 RYB color 244, 250, 252 by changing the saturation by 10% instead.




 244, 250, 252

255, 255, 255

 244, 250, 252

 216, 221, 223

 188, 193, 195

 161, 166, 168

 135, 140, 142

 109, 114, 116

 85, 90, 92

 62, 67, 68

 40, 45, 46

 20, 24, 25

 244, 250, 252

 244, 250, 252

 219, 244, 252

 255, 252, 255

 194, 238, 252

 168, 231, 252


 143, 225, 252

 118, 218, 252

 93, 212, 252

 68, 206, 252

 42, 200, 252

 17, 193, 252

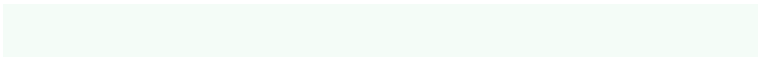
# Harmonies

## Analogous

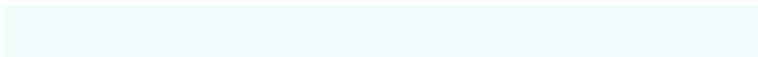
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 251, 247



244, 250, 252



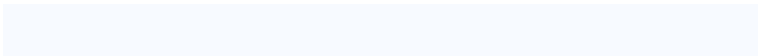
241, 247, 252

# Triad

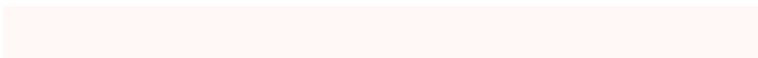
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 250, 252



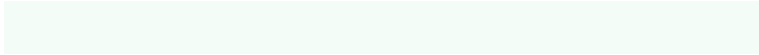
247, 249, 255



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.



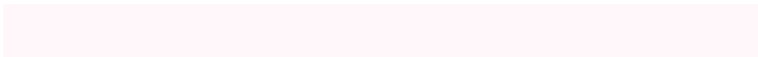
244, 250, 252



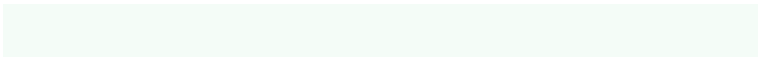
252, 244, 249

# 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, 247, 249



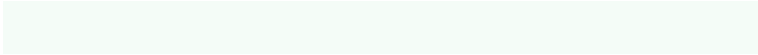
244, 250, 252



252, 249, 255

# Square

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



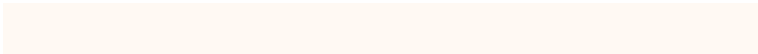
244, 250, 252



243, 248, 255



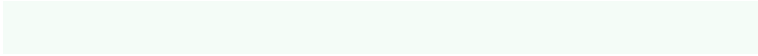
255, 248, 253



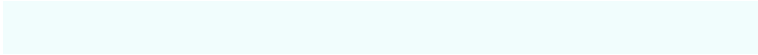
255, 255, 243

# Rectangle

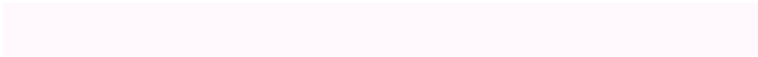
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



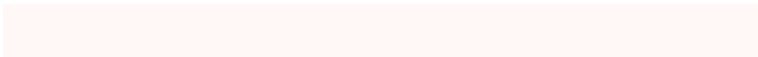
244, 250, 252



241, 247, 253



255, 248, 253

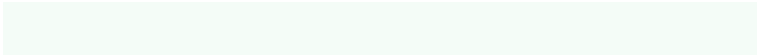


255, 248, 247



# Sweetspot

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



244, 250, 252



252, 254, 255



244, 252, 247



126, 127, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



244, 250, 252



245, 253, 255



244, 248, 252



119, 124, 125



0, 142, 189



0, 46, 61



# Inverse Universe

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



252, 244, 249



255, 245, 252



252, 244, 245



125, 119, 123



189, 0, 126

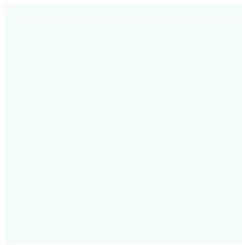


61, 0, 41



# Previews

## White Background



This preview shows how the RYB color 244, 250, 252 looks on a white background.

## Color Contrast Check

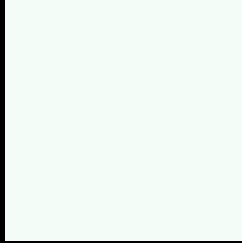
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 244, 250, 252 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

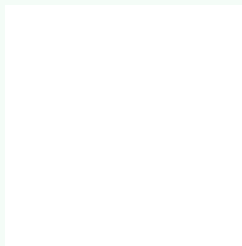
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 244, 250, 252 Background**



This preview shows how black text looks on a background with the RYB color 244, 250, 252.

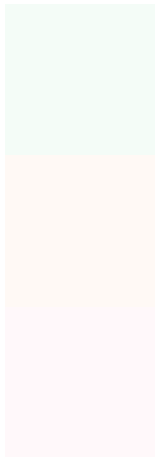


This preview shows how white text looks on a background with the RYB color 244, 250, 252.

# 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**  
244, 250, 252

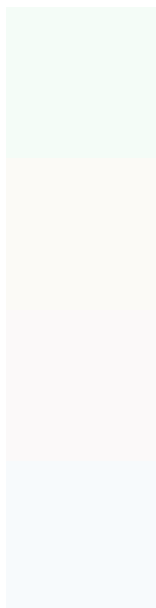
**Protanopia**  
255, 252, 245

**Deuteranopia**  
255, 248, 250

# Tritanopia

249, 250, 255

# Trichromacy



## Original Color

244, 250, 252

## Protanomaly

247, 251, 246

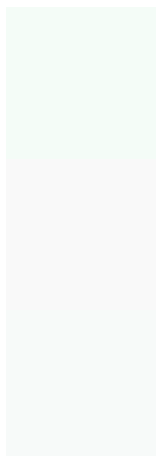
## Deuteranomaly

251, 249, 249

## Tritanomaly

247, 249, 252

# Monochromacy



## Original Color

244, 250, 252

## Achromatopsia

249, 249, 249

## Achromatomaly

247, 249, 250

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 244, 250, 252 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(244, 252, 247) looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 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(244, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 247) }
```

## Border

The CSS property to change the border of an element to RYB 244, 250, 252 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(244, 252, 247) }
```

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

```
.border{ border-color:rgb(244, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 252, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 252, 247); box-shadow:4px 4px 4px 4px rgb(244, 252, 247) }
```

# Background

The CSS property to change the background color of an element to RYB 244, 250, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 247) }
```

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

```
.background{ background-color: rgb(244,  
252, 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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