

Converting Colors

`RYB(247, 250, 254)`

Have a look what the booklet for RYB(247, 250, 254) contains.

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Color

R_YB(247, 250, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F7FCFE
RGB	247, 252, 254
RGB Percent	97%, 99%, 100%
CMY	0.0314, 0.0108, 0.0039
CMYK	0.03, 0.01, 0.00, 0.00
HSL	195°, 78%, 98%
HSV	195°, 3%, 100%
XYZ	91.1361, 96.7078, 107.6290
YIQ	250.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

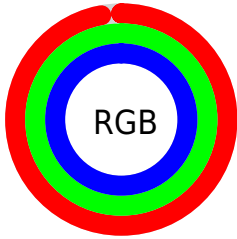
Format	Color
R_{YB}	247, 250, 254
Decimal	16252158
CIE _{Lab}	98.71, -1.41, -1.45
CIE _{LCh}	99, 2.019, 225.858
Yxy	96.7078, 0.3084, 0.3273
Android (android.graphics.Color)	4294442238 (0xFF7FCFE)
YUV	250.7330, 1.6106, -3.2738
Hunter-Lab	98.3401, -6.6715, 3.9478

Details

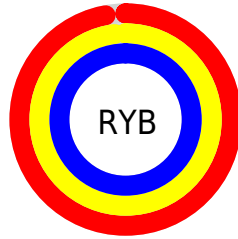
The RYB color 247, 250, 254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 254, 250, 247, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 191, 193, 197 is the 20% darker color. If you saturate the color by 10%, you get 222, 236, 254, and if you desaturate by 10%, it is 254, 255, 254.

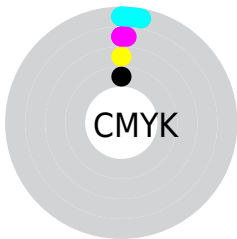
Distribution



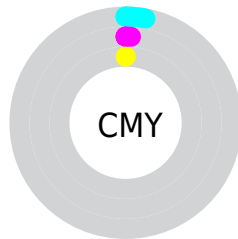
- Red (97%)
- Green (99%)
- Blue (100%)



- 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 RYB color 247, 250, 254 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 247, 250, 254 by changing the saturation by 10% instead.

 247, 250, 254

 247, 250, 254

255, 255, 255

 219, 222, 225

 191, 194, 197

 164, 166, 170

 137, 140, 144

 112, 115, 118

 88, 90, 93

 64, 66, 70

 42, 44, 48

 22, 24, 27

247, 250, 254

247, 250, 254

222, 236, 254

254, 255, 254

196, 221, 254

171, 206, 254

145, 192, 254

120, 178, 254

95, 163, 254

69, 148, 254

44, 134, 254

18, 119, 254

Harmonies

Analogous

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



247, 250, 253



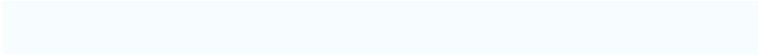
247, 250, 254



248, 251, 255

Triad

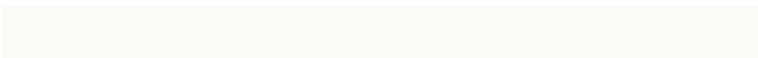
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 250, 254



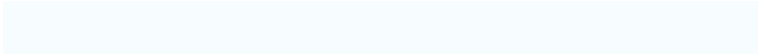
255, 250, 252



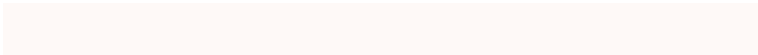
248, 252, 247

Complementary

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



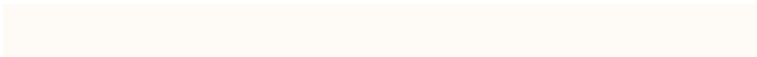
247, 250, 254



254, 250, 247

Split Complementary

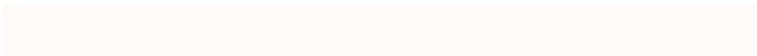
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 254, 247



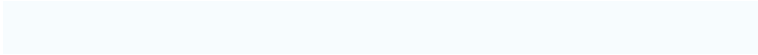
247, 250, 254



255, 250, 250

Square

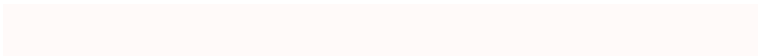
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



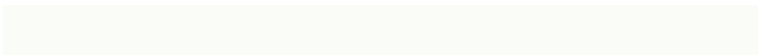
247, 250, 254



253, 250, 254



255, 250, 249



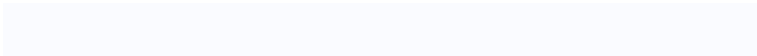
248, 252, 250

Rectangle

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



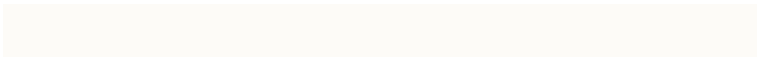
247, 250, 254



250, 251, 255



255, 250, 249



250, 253, 247

Sweetspot

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



247, 250, 254



252, 253, 255



247, 252, 254



126, 127, 128



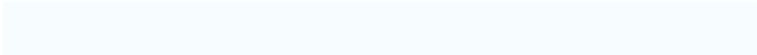
0, 0, 0



128, 128, 128

Same Dimension

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



247, 250, 254



247, 250, 255



247, 249, 254



122, 124, 128



0, 82, 191



0, 27, 64

Inverse Universe

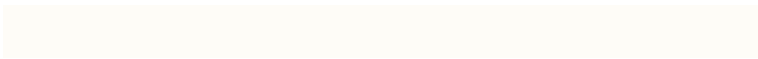
The Inverse Universe completely reimagines the original color for something new.



254, 247, 252



255, 247, 253



250, 254, 247



128, 122, 126



191, 0, 143



64, 0, 48

Previews

White Background



This preview shows how the RGB color 247, 250, 254 looks on a white background.

Color Contrast Check

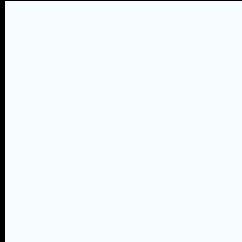
Large Text (above 18pt) WCAG AA × Fail

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 247, 250, 254 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 247, 250, 254 Background



This preview shows how black text looks on a background with the RYB color 247, 250, 254.




This preview shows how white text looks on a background with the RYB color 247, 250, 254.

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

A vertical bar divided into three colored sections: light blue at the top, light pink in the middle, and light red at the bottom. To the right of each section is text describing the color and its RGB values.

Original Color
247, 250, 254

Protanopia
255, 250, 253

Deuteranopia
255, 250, 252

Tritanopia

251, 251, 255

Trichromacy

Original Color

247, 250, 254

Protanomaly

252, 251, 253

Deuteranomaly

252, 251, 253

Tritanomaly

250, 251, 255

Monochromacy

Original Color

247, 250, 254

Achromatopsia

251, 251, 251

Achromatomaly

250, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 250, 254 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, 254) looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 254) }
```

Border

The CSS property to change the border of an element to RYB 247, 250, 254 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, 254) }
```

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

```
.border{ border-color:rgb(247, 252, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 247, 250, 254 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, 254) }
```

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

```
.background{ background-color: rgb(247,  
252, 254) }
```

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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