

Converting Colors

`RYB(240, 246, 254)`

Have a look what the booklet for RYB(240, 246, 254) contains.

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Color

R_YB(240, 246, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F0FBFE
RGB	240, 251, 254
RGB Percent	94%, 98%, 100%
CMY	0.0588, 0.0176, 0.0039
CMYK	0.06, 0.01, 0.00, 0.00
HSL	195°, 88%, 97%
HSV	195°, 6%, 100%
XYZ	88.1658, 94.3634, 107.3331
YIQ	248.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

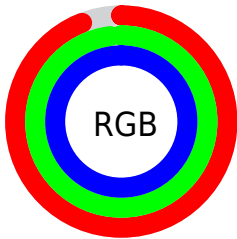
Format	Color
R _{YB}	240, 246, 254
Decimal	15793150
CIE _{Lab}	97.78, -2.79, -2.88
CIE _{LCh}	98, 4.010, 225.847
Y _{xy}	94.3634, 0.3042, 0.3255
Android (android.graphics.Color)	4293983230 (0xFFFF0FBFE)
Y _{UV}	248.0530, 2.9319, -7.0625
Hunter-Lab	97.1408, -7.9885, 2.4877

Details

The RYB color **240, 246, 254** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **254, 246, 240**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 190, 197** is the 20% darker color. If you saturate the color by 10%, you get **215, 232, 254**, and if you desaturate by 10%, it is **254, 255, 254**.

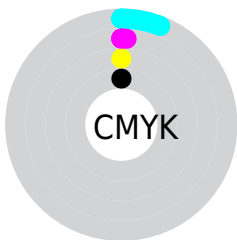
Distribution



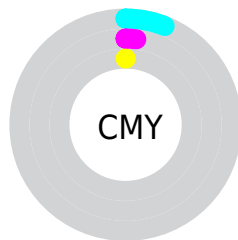
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 246, 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 240, 246, 254 by changing the saturation by 10% instead.

 240, 246, 254


 240, 246, 254

255, 255, 255

 212, 218, 225

 184, 190, 197

 157, 163, 170

 131, 136, 144

 106, 111, 118

 82, 87, 93

 59, 64, 70

 37, 42, 48

 16, 21, 27

240, 246, 254

240, 246, 254

215, 232, 254

254, 255, 254

189, 217, 254

164, 202, 254

138, 188, 254

113, 174, 254

88, 159, 254

62, 144, 254

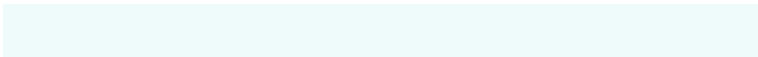
37, 130, 254

11, 115, 254

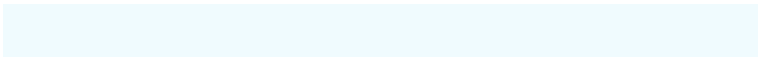
Harmonies

Analogous

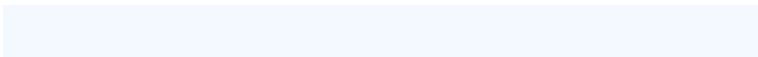
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 245, 251



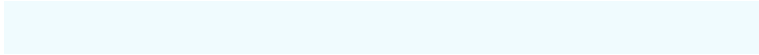
240, 246, 254



243, 247, 255

Triad

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



240, 246, 254



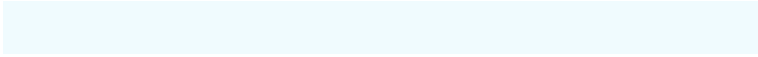
255, 246, 251



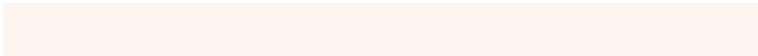
242, 250, 241

Complementary

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



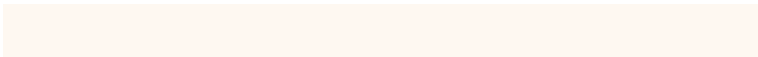
240, 246, 254



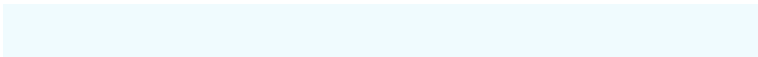
254, 246, 240

Split Complementary

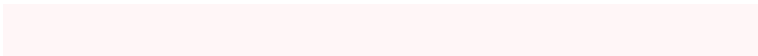
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 254, 241



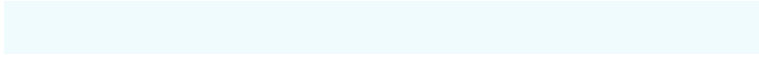
240, 246, 254



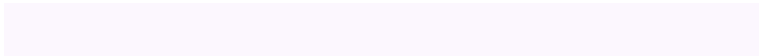
255, 246, 247

Square

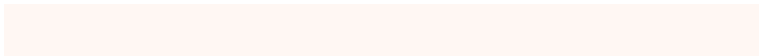
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



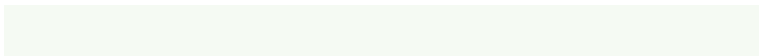
240, 246, 254



252, 247, 254



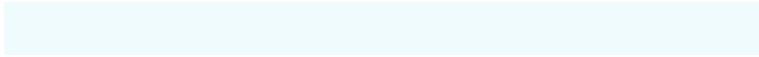
255, 249, 243



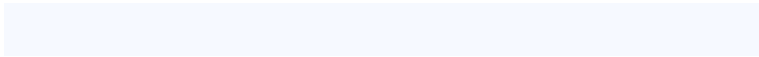
243, 250, 248

Rectangle

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



240, 246, 254



246, 248, 255



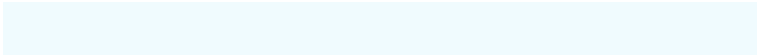
255, 249, 243



244, 251, 241

Sweetspot

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



240, 246, 254



250, 252, 255



240, 252, 254



125, 126, 128



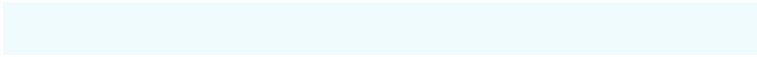
0, 0, 0



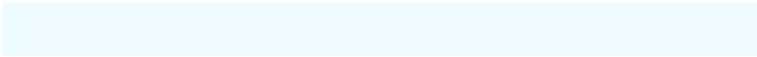
128, 128, 128

Same Dimension

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



240, 246, 254



237, 245, 255



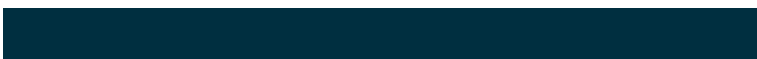
240, 242, 254



117, 122, 128



0, 82, 191



0, 27, 64

Inverse Universe

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



254, 240, 251



255, 237, 251



244, 254, 240



128, 117, 125



191, 0, 143



64, 0, 48

Previews

White Background



This preview shows how the RYB color 240, 246, 254 looks on a white background.

Color Contrast Check

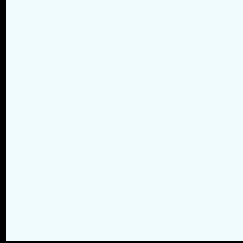
Large Text (above 18pt) WCAG AA × Fail

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 240, 246, 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 240, 246, 254 Background



This preview shows how black text looks on a background with the RYB color 240, 246, 254.

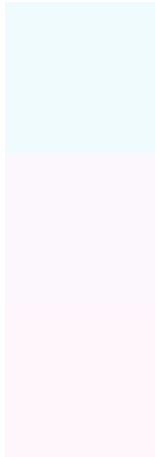


This preview shows how white text looks on a background with the RYB color 240, 246, 254.

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



Original Color
240, 246, 254

Protanopia
252, 247, 252

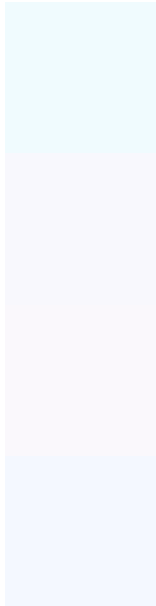
Deuteranopia
255, 246, 251



Tritanopia

246, 248, 255

Trichromacy



Original Color

240, 246, 254

Protanomaly

248, 248, 253

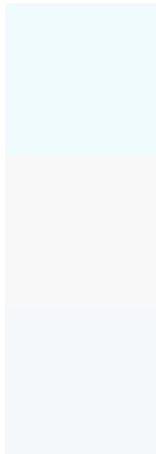
Deuteranomaly

250, 248, 252

Tritanomaly

244, 247, 255

Monochromacy



Original Color

240, 246, 254

Achromatopsia

248, 248, 248

Achromatomaly

245, 247, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 246, 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(240, 251, 254) looks like.

```
.text, #text, p{  
    color:rgb(240, 251, 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(240, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 254) }
```

Border

The CSS property to change the border of an element to RYB 240, 246, 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(240, 251, 254) }
```

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

```
.border{ border-color:rgb(240, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 251,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 240, 246, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 251, 254) }
```

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

```
.background{ background-color: rgb(240,  
251, 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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