

Converting Colors

`RYB(241, 250, 255)`

Have a look what the booklet for RYB(241, 250, 255) contains.

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Color

R_YB(241, 250, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF9
RGB	241, 255, 249
RGB Percent	95%, 100%, 98%
CMY	0.0549, 0.0000, 0.0244
CMYK	0.05, 0.00, 0.02, 0.00
HSL	153°, 100%, 97%
HSV	153°, 5%, 100%
XYZ	89.0999, 97.0465, 103.4767
YIQ	250.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	241, 250, 255
Decimal	15859705
CIE _{Lab}	98.85, -5.68, 1.38
CIE _{LCh}	99, 5.847, 166.370
Yxy	97.0465, 0.3076, 0.3351
Android (android.graphics.Color)	4294049785 (0xFFFF1FFF9)
YUV	250.1300, -0.5571, -8.0070
Hunter-Lab	98.5122, -10.9510, 6.6806

Details

The RYB color 241, 250, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 255, 241, 247, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 185, 193, 198 is the 20% darker color. If you saturate the color by 10%, you get 216, 241, 255, and if you desaturate by 10%, it is 255, 255, 255.

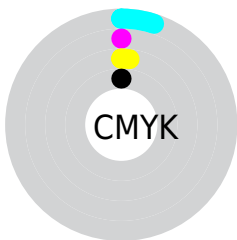
Distribution



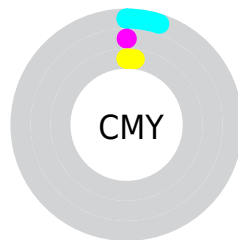
- Red (95%)
- Green (100%)
- Blue (98%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 250, 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 RYB color 241, 250, 255 by changing the saturation by 10% instead.

 241, 250, 255


255, 255, 255


 241, 250, 255

 213, 221, 226

 185, 193, 198

 158, 166, 171

 132, 140, 145

 107, 115, 119

 82, 90, 94

 59, 67, 71

 38, 44, 48

 17, 23, 27

241, 250, 255

241, 250, 255

216, 241, 255

255, 255, 255

190, 232, 255

164, 222, 255

139, 214, 255

114, 205, 255

88, 195, 255

62, 186, 255

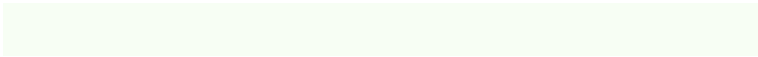
37, 177, 255

11, 168, 255

Harmonies

Analogous

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



244, 254, 251



241, 250, 255



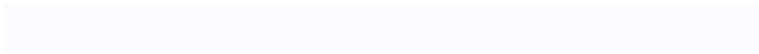
238, 247, 255

Triad

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



241, 250, 255



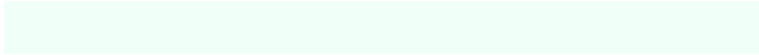
250, 251, 255



255, 253, 244

Complementary

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



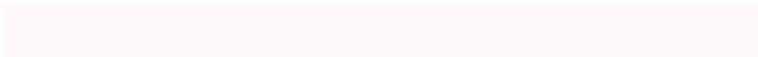
241, 250, 255



255, 241, 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.



255, 248, 249



241, 250, 255



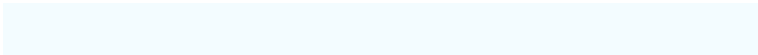
255, 249, 255

Square

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



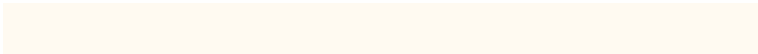
241, 250, 255



243, 248, 255



255, 248, 255



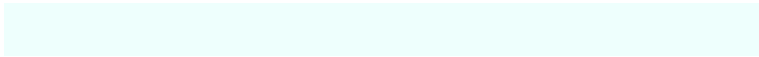
249, 255, 241

Rectangle

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



241, 250, 255



238, 247, 255



255, 248, 255



255, 249, 245

Sweetspot

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



241, 250, 255



250, 253, 255



241, 255, 249



125, 127, 128



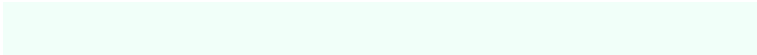
0, 0, 0



128, 128, 128

Same Dimension

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



241, 250, 255



237, 249, 255



241, 248, 255



117, 124, 128



0, 123, 191



0, 41, 64

Inverse Universe

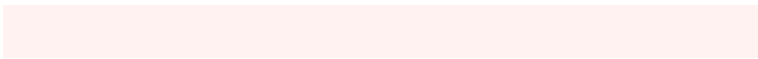
The Inverse Universe completely reimagines the original color for something new.



255, 241, 247



255, 237, 245



255, 242, 241



128, 117, 122



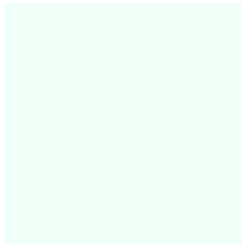
191, 0, 85



64, 0, 28

Previews

White Background



This preview shows how the RYB color 241, 250, 255 looks on a white background.

Color Contrast Check

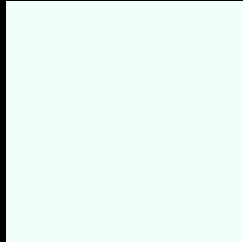
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 241, 250, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

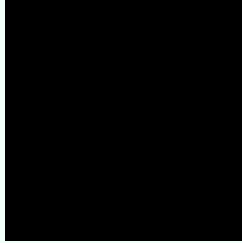
Any Text WCAG AA ✓ Pass

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](#).

RYB 241, 250, 255 Background



This preview shows how black text looks on a background with the RYB color 241, 250, 255.

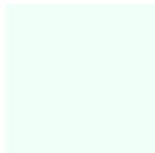


This preview shows how white text looks on a background with the RYB color 241, 250, 255.

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
241, 250, 255



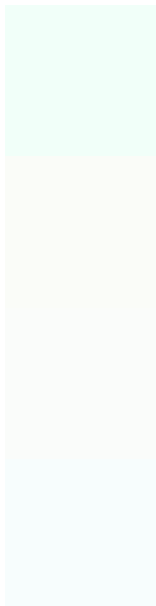
Protanopia
255, 253, 248

Deuteranopia
255, 250, 251

Tritanopia

250, 251, 255

Trichromacy



Original Color

241, 250, 255

Protanomaly

248, 252, 250

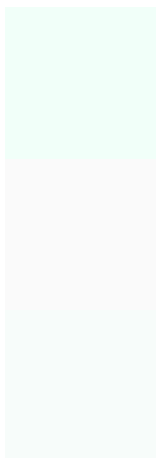
Deuteranomaly

250, 252, 252

Tritanomaly

247, 250, 253

Monochromacy



Original Color

241, 250, 255

Achromatopsia

250, 250, 250

Achromatomaly

247, 250, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 250, 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(241, 255, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 249)  
}
```

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(241, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 249) }
```

Border

The CSS property to change the border of an element to RYB 241, 250, 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(241, 255, 249) }
```

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

```
.border{ border-color:rgb(241, 255, 249) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 241, 250, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 249) }
```

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

```
.background{ background-color: rgb(241,  
255, 249) }
```

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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