

Converting Colors

`RYB(242, 251, 255)`

Have a look what the booklet for RYB(242, 251, 255) contains.

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Color

R_YB(242, 251, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFF8
RGB	242, 255, 248
RGB Percent	95%, 100%, 97%
CMY	0.0510, 0.0000, 0.0283
CMYK	0.05, 0.00, 0.03, 0.00
HSL	147°, 100%, 97%
HSV	147°, 5%, 100%
XYZ	89.2868, 97.1608, 102.6743
YIQ	250.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

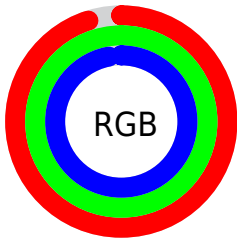
Format	Color
R _Y B	242, 251, 255
Decimal	15925240
CIE Lab	98.89, -5.53, 1.97
CIE LCh	99, 5.873, 160.452
Yxy	97.1608, 0.3088, 0.3361
Android (android.graphics.Color)	4294115320 (0xFF2FF8)
YUV	250.3150, -1.1413, -7.2923
Hunter-Lab	98.5702, -10.8090, 7.2405

Details

The RYB color 242, 251, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 255, 242, 249, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 186, 194, 198 is the 20% darker color. If you saturate the color by 10%, you get 217, 243, 255, and if you desaturate by 10%, it is 255, 255, 255.

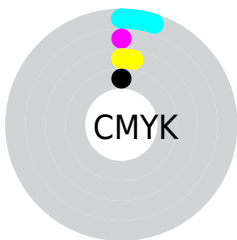
Distribution



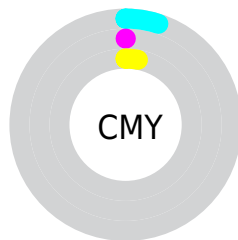
- Red (95%)
- Green (100%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 251, 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 242, 251, 255 by changing the saturation by 10% instead.

 242, 251, 255

255, 255, 255

 242, 251, 255


 214, 222, 226


 186, 194, 198

 159, 167, 171


 133, 141, 145

 108, 116, 119

 83, 91, 94

 60, 68, 71

 38, 45, 48

 18, 24, 27

242, 251, 255

242, 251, 255

217, 243, 255

255, 255, 255

191, 236, 255

165, 227, 255

140, 220, 255

114, 211, 255

89, 204, 255

63, 196, 255

38, 188, 255

12, 180, 255

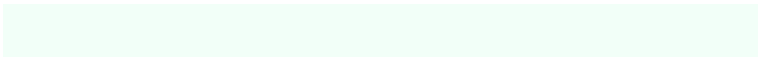
Harmonies

Analogous

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



243, 254, 249



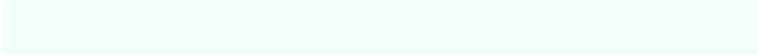
242, 251, 255



239, 247, 255

Triad

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



242, 251, 255



249, 251, 255



255, 252, 245

Complementary

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



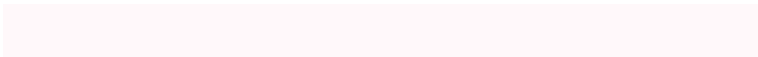
242, 251, 255



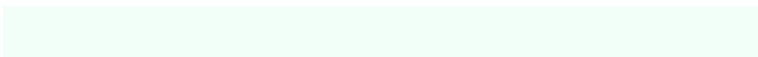
255, 242, 249

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, 248, 250



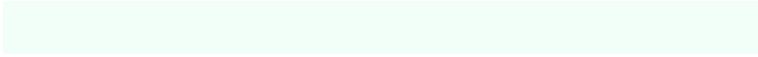
242, 251, 255



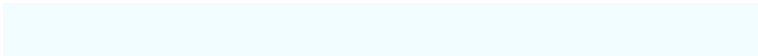
255, 250, 255

Square

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



242, 251, 255



242, 248, 255



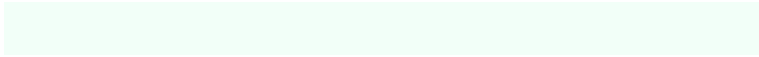
255, 248, 255



249, 255, 241

Rectangle

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



242, 251, 255



238, 247, 255



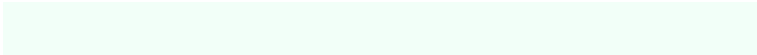
255, 248, 255



255, 249, 246

Sweetspot

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



242, 251, 255



250, 254, 255



242, 255, 248



125, 127, 128



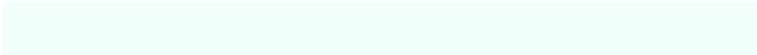
0, 0, 0



128, 128, 128

Same Dimension

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



242, 251, 255



240, 250, 255



242, 249, 255



119, 125, 128



0, 132, 191



0, 45, 64

Inverse Universe

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



255, 242, 249



255, 240, 248



255, 242, 243



128, 119, 124



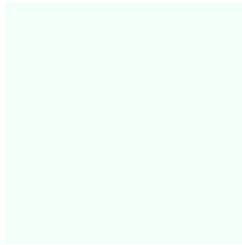
191, 0, 106



64, 0, 35

Previews

White Background



This preview shows how the RYB color 242, 251, 255 looks on a white background.

Color Contrast Check

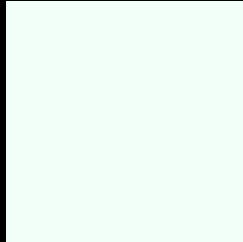
Large Text (above 18pt) WCAG AA × Fail

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 242, 251, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

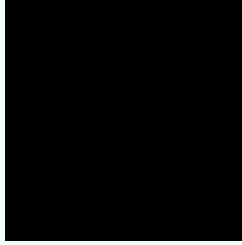
Any Text WCAG AA ✓ Pass

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 242, 251, 255 Background



This preview shows how black text looks on a background with the RYB color 242, 251, 255.

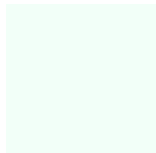


This preview shows how white text looks on a background with the RYB color 242, 251, 255.

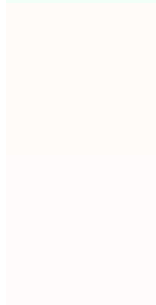
Color Blindness Simulation

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
242, 251, 255



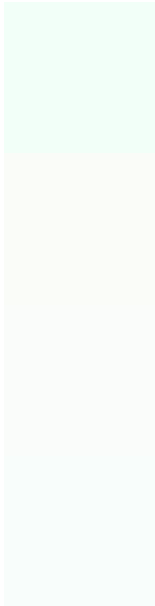
Protanopia
255, 253, 248

Deuteranopia
255, 251, 251

Tritanopia

251, 252, 255

Trichromacy



Original Color

242, 251, 255

Protanomaly

248, 252, 250

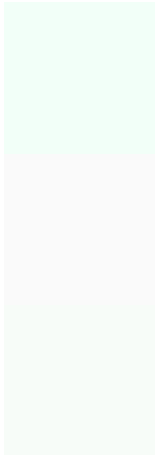
Deuteranomaly

250, 252, 252

Tritanomaly

248, 251, 253

Monochromacy



Original Color

242, 251, 255

Achromatopsia

250, 250, 250

Achromatomaly

247, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 251, 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(242, 255, 248) looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 248)  
}
```

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(242, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 248) }
```

Border

The CSS property to change the border of an element to RYB 242, 251, 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(242, 255, 248) }
```

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

```
.border{ border-color:rgb(242, 255, 248) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 242, 251, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 248) }
```

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

```
.background{ background-color: rgb(242,  
255, 248) }
```

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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