

Converting Colors

`RYB(240, 253, 255)`

Have a look what the booklet for RYB(240, 253, 255) contains.

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Color

R_YB(240, 253, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF2
RGB	240, 255, 242
RGB Percent	94%, 100%, 95%
CMY	0.0588, 0.0000, 0.0498
CMYK	0.06, 0.00, 0.05, 0.00
HSL	129°, 100%, 97%
HSV	129°, 6%, 100%
XYZ	87.7685, 96.4746, 98.2425
YIQ	249.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

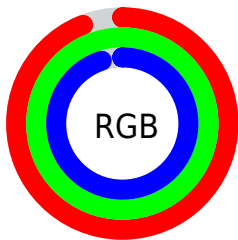
Format	Color
R_{YB}	240, 253, 255
Decimal	15794162
CIE Lab	98.62, -7.16, 4.36
CIE LCh	99, 8.381, 148.645
Yxy	96.4746, 0.3107, 0.3415
Android (android.graphics.Color)	4293984242 (0xFFFF0FFF2)
YUV	249.0330, -3.4673, -7.9219
Hunter-Lab	98.2215, -12.3841, 9.4524

Details

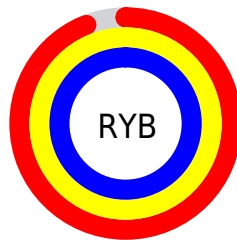
The RYB color **240, 253, 255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **255, 240, 253**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 196, 198** is the 20% darker color. If you saturate the color by 10%, you get **215, 250, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

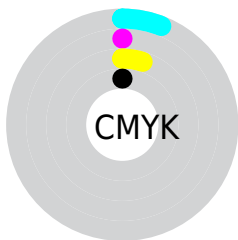
Distribution



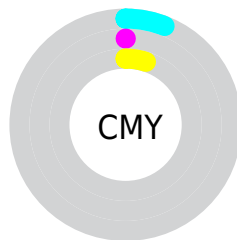
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (99%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 253, 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 240, 253, 255 by changing the saturation by 10% instead.

 240, 253, 255


 240, 253, 255

255, 255, 255

 212, 224, 226

 184, 196, 198

 157, 169, 171

 131, 143, 145

 106, 117, 119

 82, 92, 94

 59, 69, 71

 37, 46, 48

 16, 25, 27

 240, 253, 255

 240, 253, 255

 215, 250, 255

255, 255, 255

 189, 246, 255

 163, 242, 255

 138, 239, 255

 113, 237, 255

 87, 232, 255

 61, 229, 255

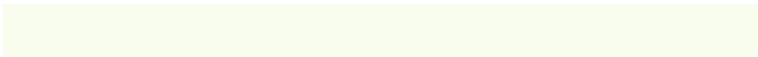
 36, 226, 255

 10, 222, 255

Harmonies

Analogous

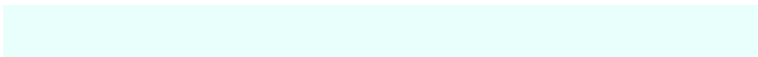
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 253, 241



240, 253, 255



233, 245, 255

Triad

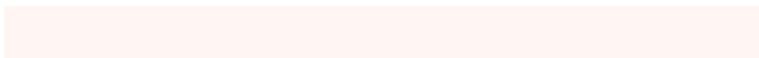
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 253, 255



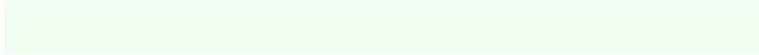
242, 248, 255



255, 246, 244

Complementary

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



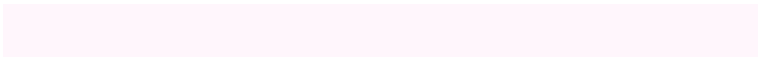
240, 253, 255



255, 240, 253

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, 246, 252



240, 253, 255



252, 249, 255

Square

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



240, 253, 255



235, 245, 255



255, 247, 255



248, 255, 237

Rectangle

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



240, 253, 255



231, 243, 255



255, 247, 255



255, 246, 246

Sweetspot

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



240, 253, 255



250, 254, 255



240, 255, 242



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 253, 255



237, 252, 255



240, 249, 255



117, 126, 128



0, 166, 191



0, 55, 64

Inverse Universe

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



255, 240, 253



255, 237, 252



255, 240, 245



128, 117, 126



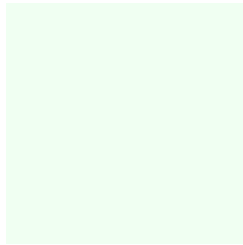
191, 0, 162



64, 0, 54

Previews

White Background



This preview shows how the RYB color 240, 253, 255 looks on a white background.

Color Contrast Check

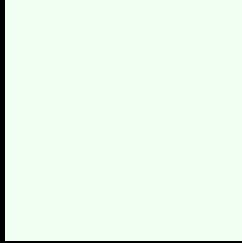
Large Text (above 18pt) WCAG AA × Fail

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 240, 253, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

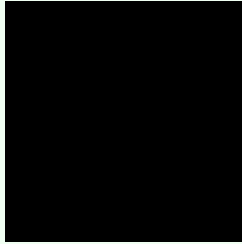
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

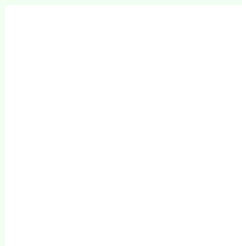
Any Text WCAG AAA ✓ Pass

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

RYB 240, 253, 255 Background



This preview shows how black text looks on a background with the RYB color 240, 253, 255.

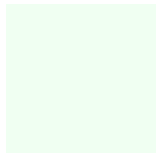


This preview shows how white text looks on a background with the RYB color 240, 253, 255.

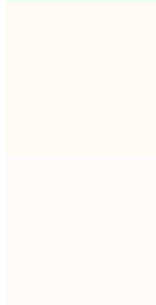
Color Blindness Simulation

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
240, 253, 255



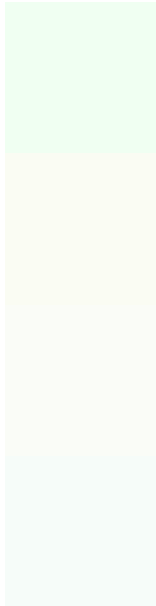
Protanopia
253, 255, 244

Deuteranopia
255, 250, 250

Tritanopia

250, 251, 255

Trichromacy



Original Color

240, 253, 255

Protanomaly

243, 252, 245

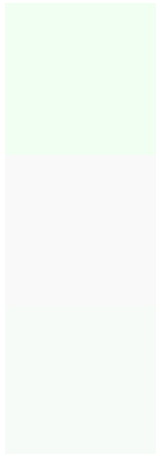
Deuteranomaly

247, 252, 249

Tritanomaly

246, 250, 252

Monochromacy



Original Color

240, 253, 255

Achromatopsia

249, 249, 249

Achromatomaly

246, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 253, 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(240, 255, 242) looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 242)  
}
```

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, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 242) }
```

Border

The CSS property to change the border of an element to RYB 240, 253, 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(240, 255, 242) }
```

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

```
.border{ border-color:rgb(240, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 240, 253, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 242) }
```

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

```
.background{ background-color: rgb(240,  
255, 242) }
```

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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