

Converting Colors

`RYB(225, 241, 253)`

Have a look what the booklet for RYB(225, 241, 253) contains.

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Color

RYB(225, 241, 253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1FDF6 |
| RGB | 225, 253, 246 |
| RGB Percent | 88%, 99%, 96% |
| CMY | 0.1176, 0.0078, 0.0353 |
| CMYK | 0.11, 0.00, 0.03, 0.01 |
| HSL | 165°, 88%, 94% |
| HSV | 165°, 11%, 99% |
| XYZ | 82.8112, 92.9119, 100.7580 |
| YIQ | 243.8300, -14.4410, -8.1130 |

Conversions

Conversions Part 2

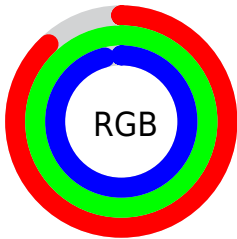
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 241, 253 |
| Decimal | 14810614 |
| CIE Lab | 97.19, -10.34, 0.26 |
| CIE LCh | 97, 10.348, 178.548 |
| Yxy | 92.9119, 0.2995, 0.3361 |
| Android (android.graphics.Color) | 4293000694 (0xFFE1FDF6) |
| YUV | 243.8300, 1.0698, -16.5139 |
| Hunter-Lab | 96.3908, -15.3313, 5.4974 |

Details

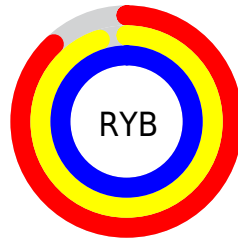
The RYB color **225, 241, 253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **253, 225, 232**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 185, 196** is the 20% darker color. If you saturate the color by 10%, you get **200, 230, 253**, and if you desaturate by 10%, it is **250, 252, 253**.

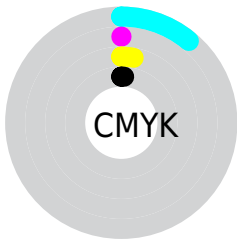
Distribution



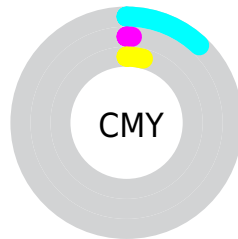
- Red (88%)
- Green (99%)
- Blue (96%)



- Red (88%)
- Yellow (95%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 241, 253 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 225, 241, 253 by changing the saturation by 10% instead.


 225, 241, 253

255, 255, 255

 225, 241, 253

 197, 212, 224

 170, 185, 196

 143, 158, 169

 117, 132, 143

 92, 106, 117

 68, 81, 92

 46, 59, 69

 24, 36, 46

 0, 14, 26

■ 225, 241, 253

■ 225, 241, 253

■ 200, 230, 253

■ 250, 252, 253

■ 174, 219, 253

■ 255, 253, 255

■ 149, 208, 253

■ 124, 198, 253

■ 98, 187, 253

■ 73, 176, 253

■ 48, 165, 253

■ 23, 155, 253

■ 0, 144, 253

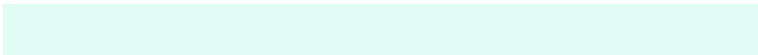
Harmonies

Analogous

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



233, 249, 252



225, 241, 253



222, 238, 255

Triad

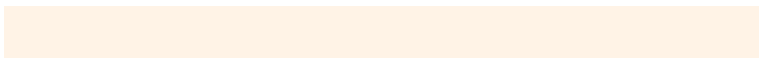
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 241, 253



249, 245, 255



253, 255, 230

Complementary

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



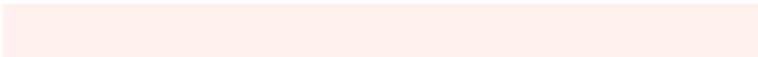
225, 241, 253



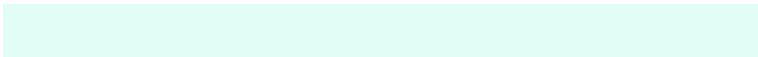
253, 225, 232

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, 242, 238



225, 241, 253



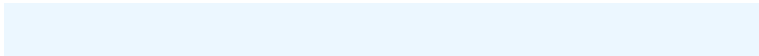
255, 242, 255

Square

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



225, 241, 253



236, 243, 255



255, 240, 248



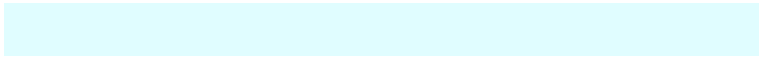
240, 255, 227

Rectangle

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



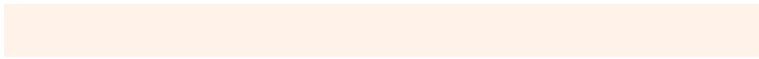
225, 241, 253



224, 239, 255



255, 240, 248



255, 250, 232

Sweetspot

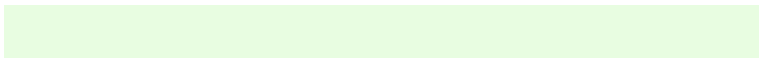
The Sweet Spot groups the original color and five complimentary colors.



225, 241, 253



247, 252, 255



225, 253, 246



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

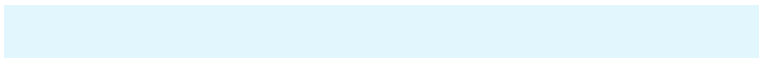
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 241, 253



222, 241, 255



225, 237, 253



115, 123, 128



0, 109, 191



0, 37, 64

Inverse Universe

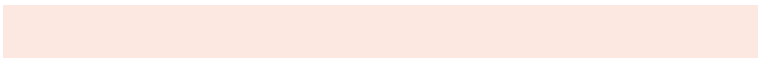
The Inverse Universe completely reimagines the original color for something new.



253, 225, 232



255, 222, 230



253, 234, 225



128, 115, 118



191, 0, 48



64, 0, 16

Previews

White Background



This preview shows how the RYB color 225, 241, 253 looks on a white background.

Color Contrast Check

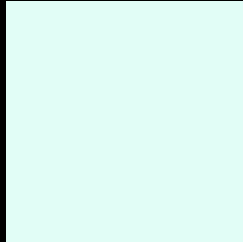
Large Text (above 18pt) WCAG AA × Fail

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 225, 241, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

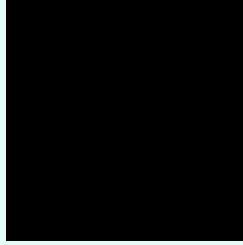
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

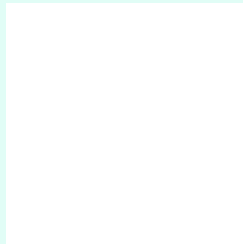
Any Text WCAG AAA ✓ Pass

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

RYP 225, 241, 253 Background



This preview shows how black text looks on a background with the RYB color 225, 241, 253.

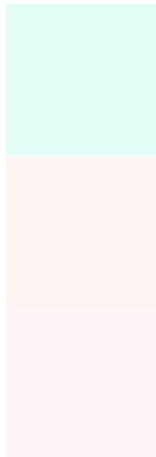


This preview shows how white text looks on a background with the RYB color 225, 241, 253.

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
225, 241, 253

Protanopia
252, 246, 242

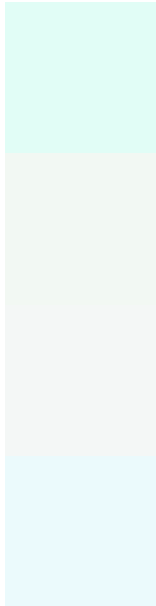
Deuteranopia
255, 244, 247



Tritanopia

240, 245, 255

Trichromacy



Original Color

225, 241, 253

Protanomaly

242, 247, 248

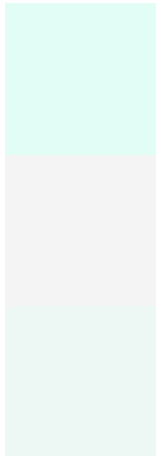
Deuteranomaly

244, 246, 247

Tritanomaly

235, 243, 252

Monochromacy



Original Color

225, 241, 253

Achromatopsia

244, 244, 244

Achromatomaly

237, 243, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 241, 253 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(225, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(225, 253, 246)  
}
```

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(225, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 253, 246) }
```

Border

The CSS property to change the border of an element to RYB 225, 241, 253 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(225, 253, 246) }
```

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

```
.border{ border-color:rgb(225, 253, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(225, 253,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 225, 241, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 253, 246) }
```

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

```
.background{ background-color: rgb(225,  
253, 246) }
```

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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