

Converting Colors

`RYB(213, 235, 254)`

Have a look what the booklet for
RYB(213, 235, 254) contains.

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Color

R_YB(213, 235, 254)

Conversions

Conversions Part 1

Format	Color
Hex	D5FEF8
RGB	213, 254, 248
RGB Percent	84%, 100%, 97%
CMY	0.1647, 0.0039, 0.0258
CMYK	0.16, 0.00, 0.02, 0.00
HSL	172°, 95%, 92%
HSV	172°, 16%, 100%
XYZ	79.8892, 91.8325, 102.6549
YIQ	241.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

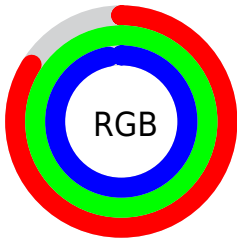
Format	Color
R _Y B	213, 235, 254
Decimal	14024440
CIE Lab	96.75, -14.13, -1.71
CIE LCh	97, 14.235, 186.907
Yxy	91.8325, 0.2912, 0.3347
Android (android.graphics.Color)	4292214520 (0xFFD5FEF8)
YUV	241.0570, 3.4229, -24.6060
Hunter-Lab	95.8293, -18.8926, 3.5674

Details

The RYB color **213, 235, 254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 213, 219**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 179, 197** is the 20% darker color. If you saturate the color by 10%, you get **188, 223, 254**, and if you desaturate by 10%, it is **238, 247, 254**.

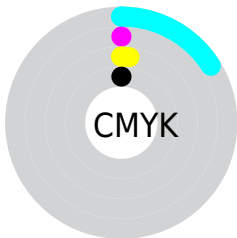
Distribution



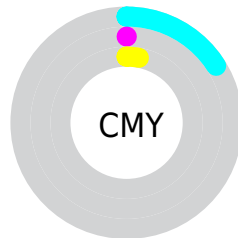
- Red (84%)
- Green (100%)
- Blue (97%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 235, 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 213, 235, 254 by changing the saturation by 10% instead.


 213, 235, 254


255, 255, 255


 213, 235, 254


 185, 206, 225


 158, 179, 197

 131, 152, 170


 106, 126, 143

 81, 101, 118

 57, 76, 93

 33, 52, 69

 8, 29, 47

 0, 15, 27

■ 213, 235, 254

■ 213, 235, 254

■ 188, 223, 254

■ 238, 247, 254

■ 162, 211, 254

255, 254, 255

■ 137, 200, 254

■ 111, 188, 254

■ 86, 176, 254

■ 61, 164, 254

■ 35, 153, 254

■ 10, 141, 254

■ 0, 136, 254

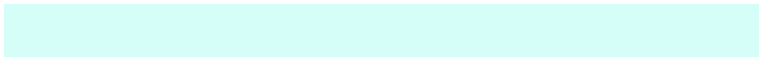
Harmonies

Analogous

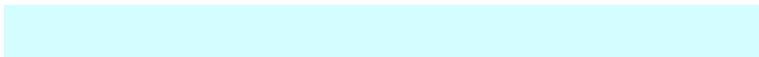
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 245, 253



213, 235, 254



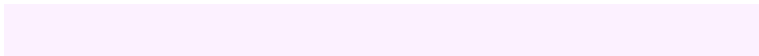
212, 233, 255

Triad

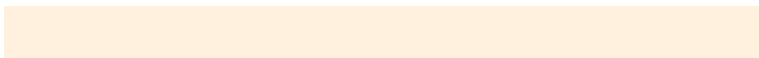
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 235, 254



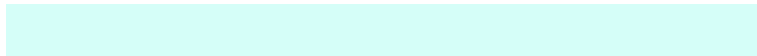
252, 241, 255



245, 255, 221

Complementary

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



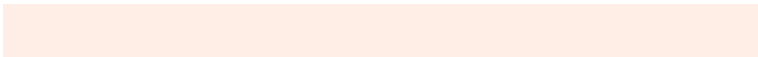
213, 235, 254



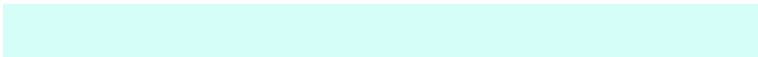
254, 213, 219

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, 230



213, 235, 254



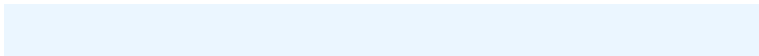
255, 238, 255

Square

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



213, 235, 254



235, 242, 255



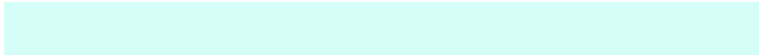
255, 236, 243



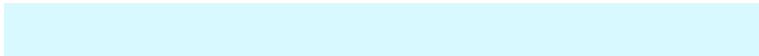
228, 254, 218

Rectangle

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



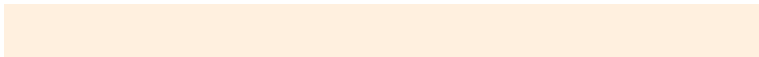
213, 235, 254



216, 234, 255



255, 236, 243



251, 255, 223

Sweetspot

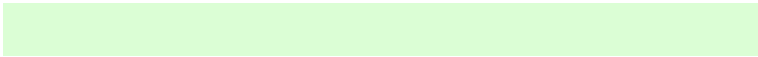
The Sweet Spot groups the original color and five complimentary colors.



213, 235, 254



242, 249, 255



213, 254, 248



120, 125, 128



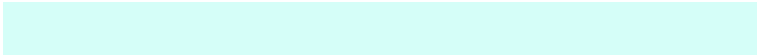
0, 0, 0



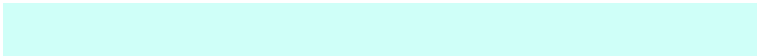
128, 128, 128

Same Dimension

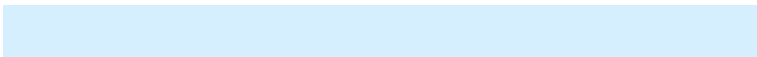
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 235, 254



207, 233, 255



213, 229, 254



115, 122, 128



0, 102, 191



0, 34, 64

Inverse Universe

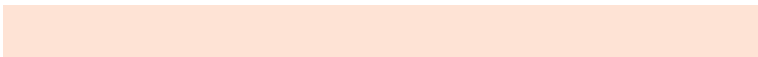
The Inverse Universe completely reimagines the original color for something new.



254, 213, 219



255, 207, 213



254, 234, 213



128, 115, 116



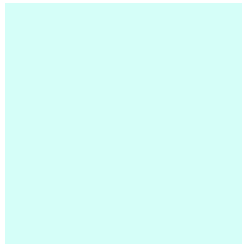
191, 0, 26



64, 0, 9

Previews

White Background



This preview shows how the RYB color 213, 235, 254 looks on a white background.

Color Contrast Check

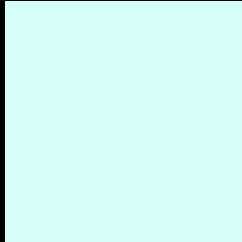
Large Text (above 18pt) WCAG AA × Fail

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 213, 235, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

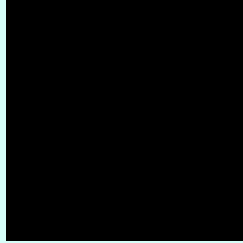
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

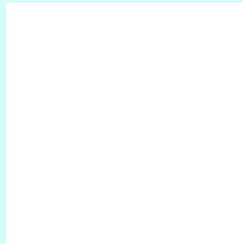
Any Text WCAG AAA ✓ Pass

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

RYB 213, 235, 254 Background



This preview shows how black text looks on a background with the RYB color 213, 235, 254.

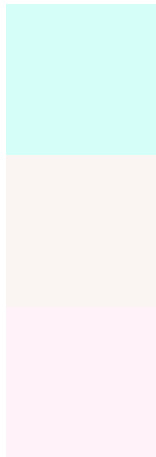


This preview shows how white text looks on a background with the RYB color 213, 235, 254.

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
213, 235, 254

Protanopia
250, 244, 243

Deuteranopia
255, 242, 248



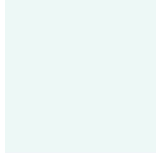
Tritanopia
235, 243, 255

Trichromacy



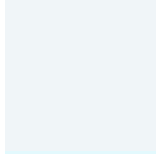
Original Color

213, 235, 254



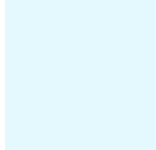
Protanomaly

237, 243, 248



Deuteranomaly

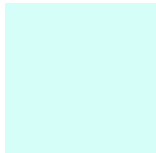
240, 243, 248



Tritanomaly

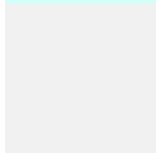
227, 239, 253

Monochromacy



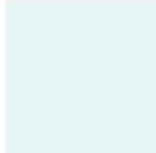
Original Color

213, 235, 254



Achromatopsia

241, 241, 241



Achromatomaly

231, 239, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 235, 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(213, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 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(213, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 248) }
```

Border

The CSS property to change the border of an element to RYB 213, 235, 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(213, 254, 248) }
```

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

```
.border{ border-color:rgb(213, 254, 248) }
```

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

Here you see how a box with a 4 pixel rgb(213, 254, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 213, 235, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 248) }
```

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

```
.background{ background-color: rgb(213,  
254, 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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