

Converting Colors

`RYB(220, 235, 251)`

Have a look what the booklet for RYB(220, 235, 251) contains.

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Color

R_YB(220, 235, 251)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9FB
RGB	220, 249, 251
RGB Percent	86%, 98%, 98%
CMY	0.1373, 0.0233, 0.0157
CMYK	0.12, 0.01, 0.00, 0.02
HSL	184°, 79%, 92%
HSV	184°, 12%, 98%
XYZ	80.8228, 89.9707, 104.3731
YIQ	240.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

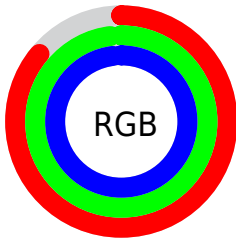
Format	Color
R _Y B	220, 235, 251
Decimal	14481915
CIE Lab	95.98, -8.99, -4.12
CIE LCh	96, 9.894, 204.626
Yxy	89.9707, 0.2937, 0.3270
Android (android.graphics.Color)	4292671995 (0xFFDC9FB)
YUV	240.5570, 5.1484, -18.0285
Hunter-Lab	94.8529, -13.8952, 1.1562

Details

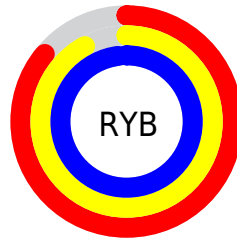
The RYB color **220, 235, 251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 222, 220**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 179, 195** is the 20% darker color. If you saturate the color by 10%, you get **195, 222, 251**, and if you desaturate by 10%, it is **245, 248, 251**.

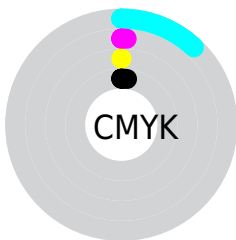
Distribution



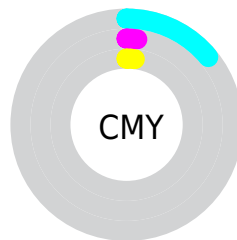
- Red (86%)
- Green (98%)
- Blue (98%)



- Red (86%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 235, 251 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 220, 235, 251 by changing the saturation by 10% instead.

■ 220, 235, 251

255, 255, 255

■ 220, 235, 251

■ 192, 207, 222

■ 165, 179, 195

■ 138, 152, 167

■ 112, 126, 141

■ 88, 101, 115

■ 64, 77, 91

■ 41, 54, 67

■ 19, 32, 45

■ 0, 12, 25

■ 220, 235, 251

■ 220, 235, 251

■ 195, 222, 251

■ 245, 248, 251

■ 170, 209, 251

■ 255, 252, 251

■ 145, 196, 251

■ 252, 255, 251

■ 120, 183, 251

■ 251, 255, 251

■ 95, 170, 251

■ 69, 157, 251

■ 44, 144, 251

■ 19, 131, 251

■ 0, 121, 251

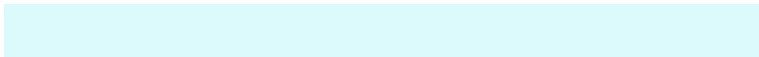
Harmonies

Analogous

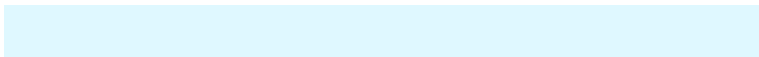
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 238, 249



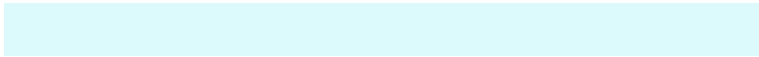
220, 235, 251



223, 237, 255

Triad

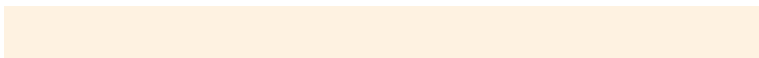
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 235, 251



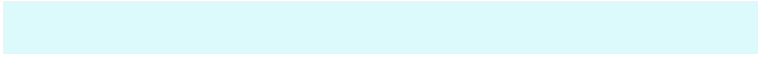
255, 239, 255



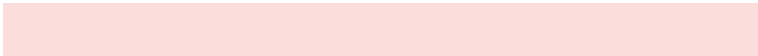
245, 254, 225

Complementary

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



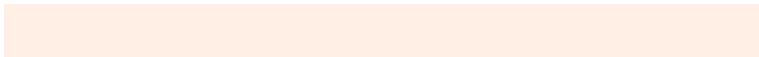
220, 235, 251



251, 222, 220

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, 247, 228



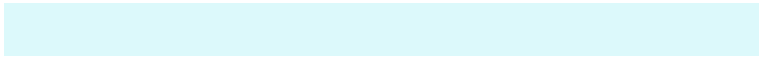
220, 235, 251



255, 237, 246

Square

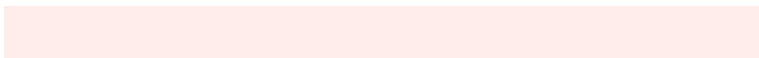
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 235, 251



243, 242, 255



255, 237, 236



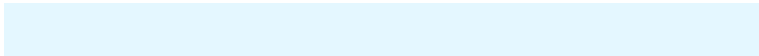
226, 245, 228

Rectangle

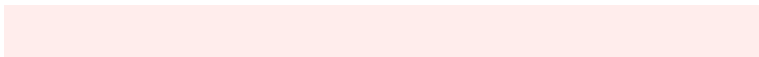
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220, 235, 251



228, 239, 255



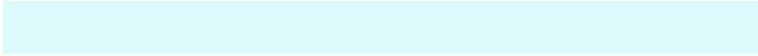
255, 237, 236



251, 255, 225

Sweetspot

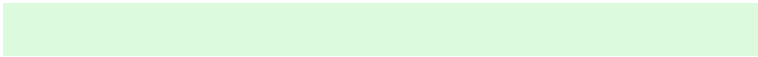
The Sweet Spot groups the original color and five complimentary colors.



220, 235, 251



245, 250, 255



220, 249, 251



121, 124, 128



0, 0, 0



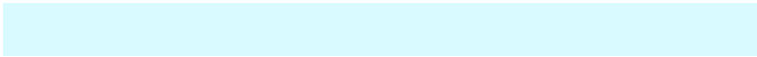
128, 128, 128

Same Dimension

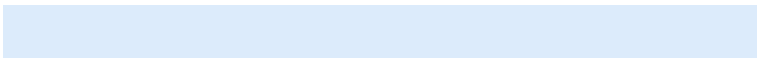
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 235, 251



217, 235, 255



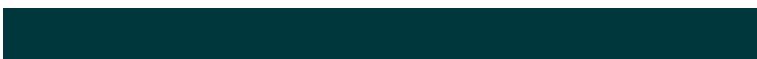
220, 230, 251



112, 118, 125



0, 91, 189



0, 29, 61

Inverse Universe

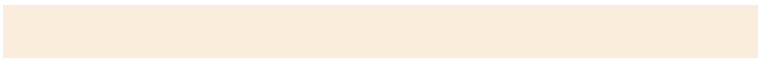
The Inverse Universe completely reimagines the original color for something new.



251, 220, 249



255, 217, 253



246, 251, 220



125, 112, 124



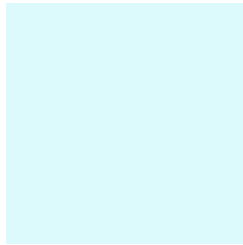
189, 0, 177



61, 0, 57

Previews

White Background



This preview shows how the RYB color 220, 235, 251 looks on a white background.

Color Contrast Check

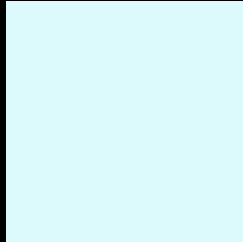
Large Text (above 18pt) WCAG AA × Fail

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 220, 235, 251 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 220, 235, 251 Background



This preview shows how black text looks on a background with the RYB color 220, 235, 251.

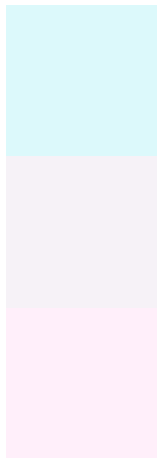


This preview shows how white text looks on a background with the RYB color 220, 235, 251.

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
220, 235, 251

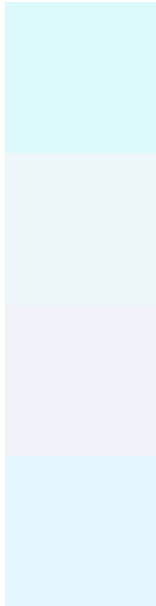
Protanopia
246, 242, 247

Deuteranopia
255, 239, 250



Tritanopia
233, 241, 255

Trichromacy



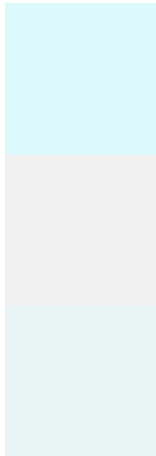
Original Color
220, 235, 251

Protanomaly
237, 242, 248

Deuteranomaly
242, 243, 250

Tritanomaly
228, 239, 254

Monochromacy



Original Color
220, 235, 251

Achromatopsia
241, 241, 241

Achromatomaly
233, 239, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 235, 251 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(220, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 251)  
}
```

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(220, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 251) }
```

Border

The CSS property to change the border of an element to RYB 220, 235, 251 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(220, 249, 251) }
```

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

```
.border{ border-color:rgb(220, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 220, 249, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 251) }
```

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

```
.background{ background-color: rgb(220,  
249, 251) }
```

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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