

Converting Colors

`RYB(212, 229, 251)`

Have a look what the booklet for RYB(212, 229, 251) contains.

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Color

R_YB(212, 229, 251)

Conversions

Conversions Part 1

Format	Color
Hex	D4F2FB
RGB	212, 242, 251
RGB Percent	83%, 95%, 98%
CMY	0.1686, 0.0504, 0.0157
CMYK	0.16, 0.04, 0.00, 0.02
HSL	194°, 83%, 91%
HSV	194°, 16%, 98%
XYZ	76.3567, 84.5476, 103.5617
YIQ	234.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

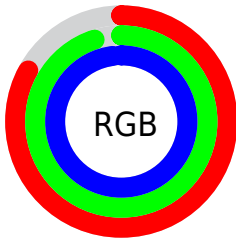
Format	Color
R _Y B	212, 229, 251
Decimal	13955835
CIE Lab	93.69, -7.98, -7.57
CIE LCh	94, 11.003, 223.473
Yxy	84.5476, 0.2887, 0.3197
Android (android.graphics.Color)	4292145915 (0xFFD4F2FB)
YUV	234.0560, 8.3534, -19.3431
Hunter-Lab	91.9497, -12.6825, -2.4127

Details

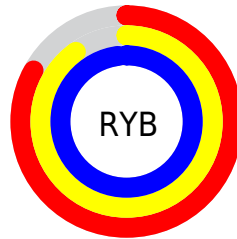
The RYB color **212, 229, 251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 224, 212**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 173, 195** is the 20% darker color. If you saturate the color by 10%, you get **187, 215, 251**, and if you desaturate by 10%, it is **237, 243, 251**.

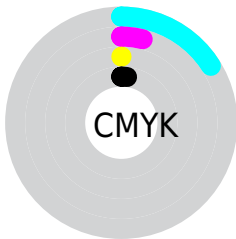
Distribution



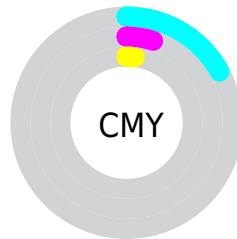
- Red (83%)
- Green (95%)
- Blue (98%)



- Red (83%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 229, 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 212, 229, 251 by changing the saturation by 10% instead.

■ 212, 229, 251

255, 255, 255

■ 212, 229, 251

■ 184, 201, 222

■ 157, 173, 195

■ 131, 147, 167

■ 105, 121, 141

■ 80, 96, 115

■ 56, 71, 91

■ 33, 48, 67

■ 10, 26, 45

■ 0, 10, 25

■ 212, 229, 251

■ 212, 229, 251

■ 187, 215, 251

■ 237, 243, 251

■ 162, 201, 251

■ 252, 255, 251

■ 137, 187, 251

■ 251, 255, 251

■ 112, 172, 251

■ 87, 159, 251

■ 61, 144, 251

■ 36, 130, 251

■ 11, 115, 251

■ 0, 109, 251

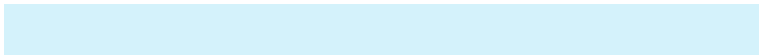
Harmonies

Analogous

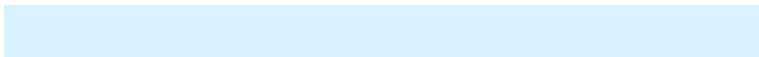
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 228, 243



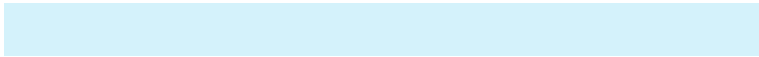
212, 229, 251



220, 233, 255

Triad

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



212, 229, 251



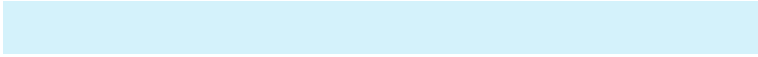
255, 230, 243



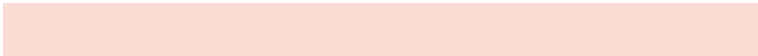
219, 241, 216

Complementary

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



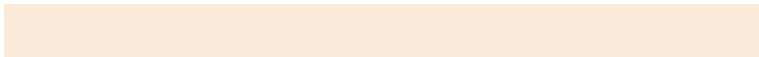
212, 229, 251



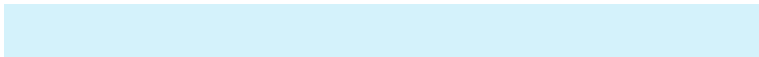
251, 224, 212

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.



252, 250, 217



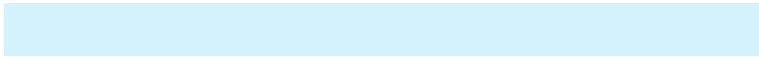
212, 229, 251



255, 230, 232

Square

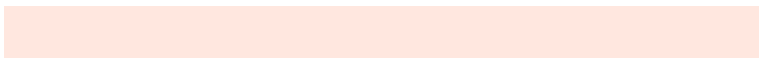
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



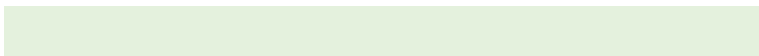
212, 229, 251



245, 233, 252



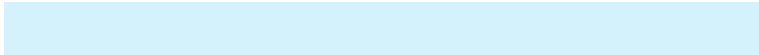
255, 234, 223



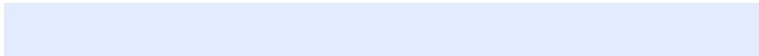
221, 241, 234

Rectangle

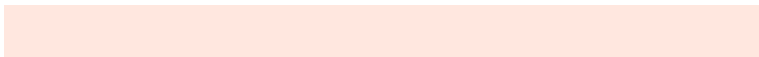
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 229, 251



227, 234, 255



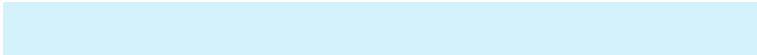
255, 234, 223



229, 245, 216

Sweetspot

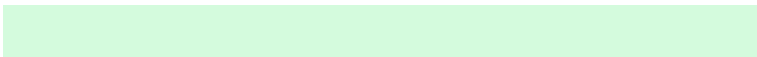
The Sweet Spot groups the original color and five complimentary colors.



212, 229, 251



242, 248, 255



212, 244, 251



120, 123, 128



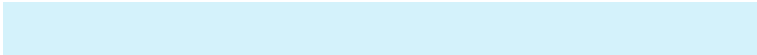
0, 0, 0



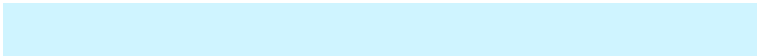
128, 128, 128

Same Dimension

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



212, 229, 251



207, 228, 255



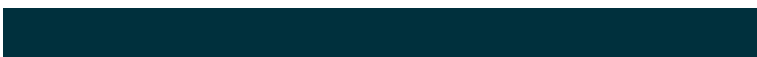
212, 221, 251



112, 118, 125



0, 82, 189



0, 27, 61

Inverse Universe

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



251, 212, 242



255, 207, 244



227, 251, 212



125, 112, 122



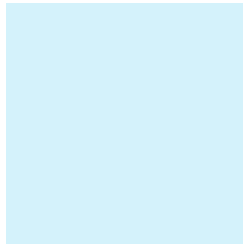
189, 0, 146



61, 0, 47

Previews

White Background



This preview shows how the RYB color 212, 229, 251 looks on a white background.

Color Contrast Check

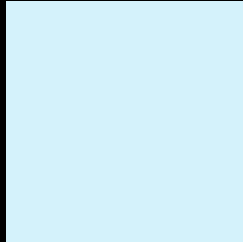
Large Text (above 18pt) WCAG AA × Fail

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 212, 229, 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

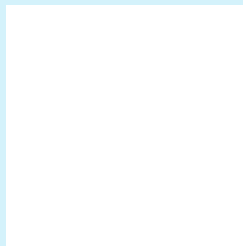
Any Text WCAG AAA ✓ Pass

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

RYB 212, 229, 251 Background



This preview shows how black text looks on a background with the RYB color 212, 229, 251.



This preview shows how white text looks on a background with the RYB color 212, 229, 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

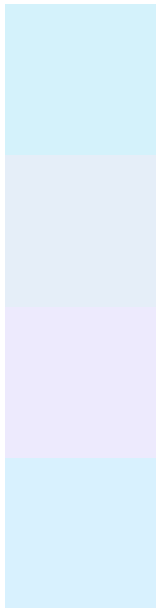




Tritanopia

219, 232, 255

Trichromacy



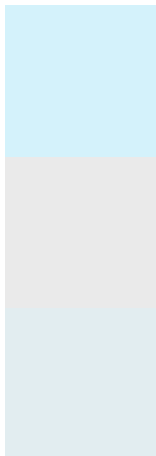
Original Color
212, 229, 251

Protanomaly
229, 235, 248

Deuteranomaly
237, 234, 253

Tritanomaly
216, 231, 254

Monochromacy



Original Color
212, 229, 251

Achromatopsia
234, 234, 234

Achromatomaly
226, 232, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 229, 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(212, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(212, 242, 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(212, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 242, 251) }
```

Border

The CSS property to change the border of an element to RYB 212, 229, 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(212, 242, 251) }
```

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

```
.border{ border-color:rgb(212, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(212, 242,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 212, 229, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 242, 251) }
```

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

```
.background{ background-color: rgb(212,  
242, 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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