

Converting Colors

`RYB(211, 230, 248)`

Have a look what the booklet for RYB(211, 230, 248) contains.

RYB(211, 230, 248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(211, 230, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D3F8F6
RGB	211, 248, 246
RGB Percent	83%, 97%, 96%
CMY	0.1725, 0.0275, 0.0351
CMYK	0.15, 0.00, 0.01, 0.03
HSL	177°, 73%, 90%
HSV	177°, 15%, 97%
XYZ	77.0740, 87.6407, 100.0853
YIQ	236.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

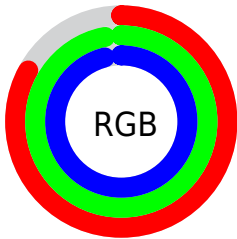
Format	Color
R _Y B	211, 230, 248
Decimal	13891830
CIE Lab	95.01, -12.23, -3.07
CIE LCh	95, 12.609, 194.072
Yxy	87.6407, 0.2911, 0.3310
Android (android.graphics.Color)	4292081910 (0xFFD3F8F6)
YUV	236.7090, 4.5805, -22.5468
Hunter-Lab	93.6166, -16.8711, 2.1449

Details

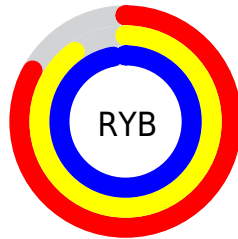
The RYB color **211, 230, 248** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **248, 211, 213**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 175, 192** is the 20% darker color. If you saturate the color by 10%, you get **186, 218, 248**, and if you desaturate by 10%, it is **236, 242, 248**.

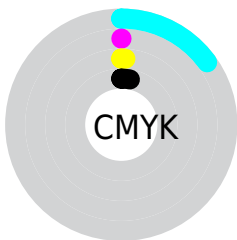
Distribution



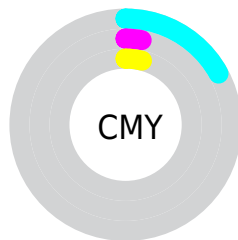
- Red (83%)
- Green (97%)
- Blue (96%)



- Red (83%)
- Yellow (90%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 230, 248 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 211, 230, 248 by changing the saturation by 10% instead.

■ 211, 230, 248

255, 255, 255

■ 211, 230, 248

■ 183, 201, 219

■ 156, 175, 192

■ 130, 147, 164

■ 104, 121, 138

■ 79, 97, 113

■ 55, 72, 88

■ 32, 49, 65

■ 8, 26, 43

■ 0, 12, 23

 211, 230, 248

 211, 230, 248

 186, 218, 248


 236, 242, 248

 161, 206, 248


 255, 248, 249

 137, 194, 248


 255, 248, 250

 112, 182, 248


 255, 248, 251

 87, 170, 248


 255, 248, 253

 62, 158, 248

 255, 248, 254

 37, 145, 248

 255, 248, 255

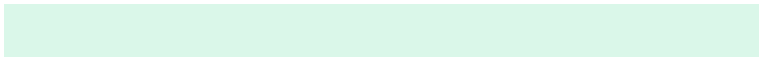
 13, 134, 248

 0, 127, 248

Harmonies

Analogous

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



218, 237, 247



211, 230, 248



212, 231, 255

Triad

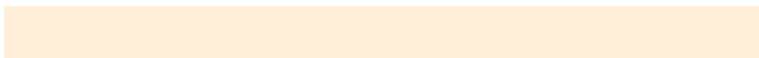
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 230, 248



250, 236, 255



248, 255, 217

Complementary

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



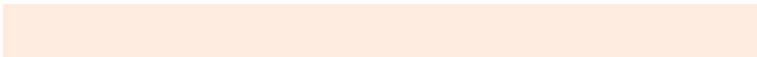
211, 230, 248



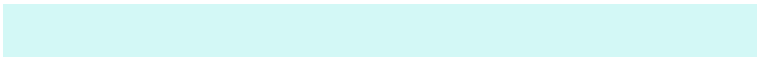
248, 211, 213

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, 239, 224



211, 230, 248



255, 233, 248

Square

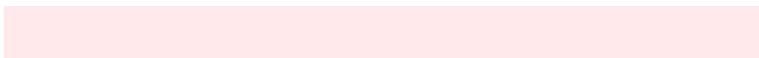
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 230, 248



235, 239, 255



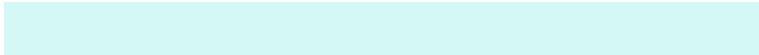
255, 233, 235



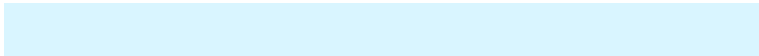
220, 245, 217

Rectangle

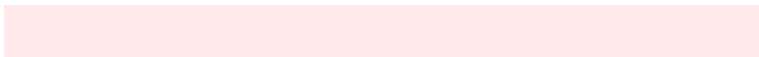
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



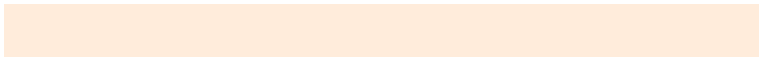
211, 230, 248



217, 233, 255



255, 233, 235



255, 251, 219

Sweetspot

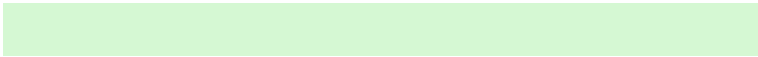
The Sweet Spot groups the original color and five complimentary colors.



211, 230, 248



245, 250, 255



211, 248, 246



121, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

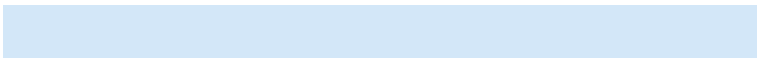
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 230, 248



209, 233, 255



211, 224, 248



112, 119, 125



0, 97, 189



0, 31, 61

Inverse Universe

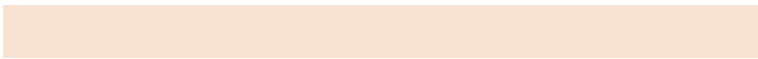
The Inverse Universe completely reimagines the original color for something new.



248, 211, 213



255, 209, 212



248, 239, 211



125, 112, 113



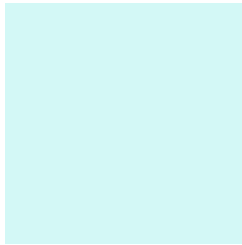
189, 0, 10



61, 0, 3

Previews

White Background



This preview shows how the RYB color 211, 230, 248 looks on a white background.

Color Contrast Check

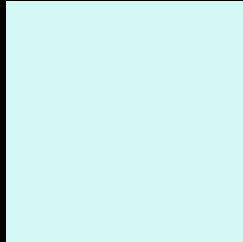
Large Text (above 18pt) WCAG AA × Fail

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 211, 230, 248 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 211, 230, 248 Background



This preview shows how black text looks on a background with the RYB color 211, 230, 248.

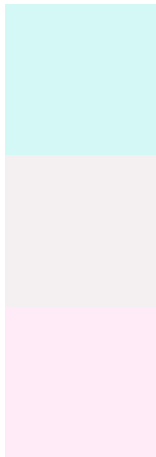


This preview shows how white text looks on a background with the RYB color 211, 230, 248.

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
211, 230, 248

Protanopia
244, 239, 241

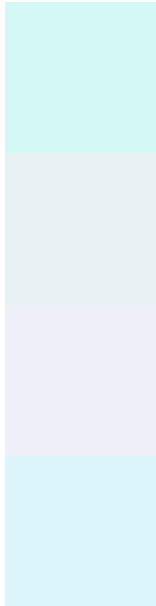
Deuteranopia
255, 235, 247



Tritanopia

225, 236, 255

Trichromacy



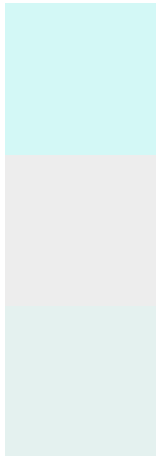
Original Color
211, 230, 248

Protanomaly
232, 237, 243

Deuteranomaly
239, 240, 247

Tritanomaly
220, 234, 252

Monochromacy



Original Color
211, 230, 248

Achromatopsia
237, 237, 237

Achromatomaly
228, 235, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 230, 248 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(211, 248, 246)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 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(211, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 246) }
```

Border

The CSS property to change the border of an element to RYB 211, 230, 248 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(211, 248, 246) }
```

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

```
.border{ border-color:rgb(211, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 211, 230, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 246) }
```

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

```
.background{ background-color: rgb(211,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor