

Converting Colors

`RYB(211, 233, 243)`

Have a look what the booklet for
RYB(211, 233, 243) contains.

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Color

R_YB(211, 233, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D3F3E2
RGB	211, 243, 226
RGB Percent	83%, 95%, 89%
CMY	0.1725, 0.0471, 0.1155
CMYK	0.13, 0.00, 0.07, 0.05
HSL	147°, 57%, 89%
HSV	147°, 13%, 95%
XYZ	72.5797, 83.4161, 83.9005
YIQ	231.4940, -13.6150, -12.0710

Conversions

Conversions Part 2

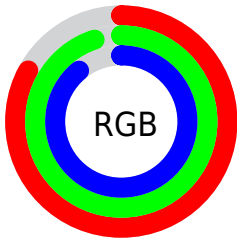
Format	Color
R _Y B	211, 233, 243
Decimal	13890530
CIE Lab	93.20, -13.66, 4.91
CIE LCh	93, 14.517, 160.221
Yxy	83.4161, 0.3025, 0.3477
Android (android.graphics.Color)	4292080610 (0xFFD3F3E2)
YUV	231.4940, -2.7085, -17.9732
Hunter-Lab	91.3324, -17.9820, 9.4673

Details

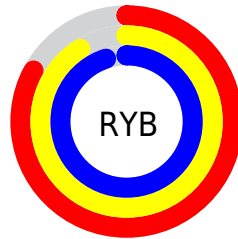
The RYB color **211, 233, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 211, 228**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 177, 187** is the 20% darker color. If you saturate the color by 10%, you get **187, 226, 243**, and if you desaturate by 10%, it is **235, 240, 243**.

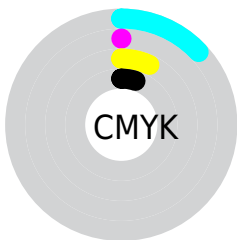
Distribution



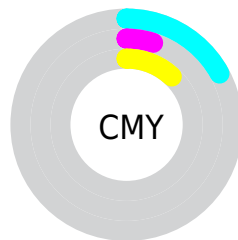
- Red (83%)
- Green (95%)
- Blue (89%)



- Red (83%)
- Yellow (91%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 233, 243 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, 233, 243 by changing the saturation by 10% instead.

■ 211, 233, 243

255, 255, 255

■ 211, 233, 243

■ 183, 205, 215

■ 156, 177, 187

■ 130, 150, 160

■ 105, 125, 134

■ 80, 99, 108

■ 57, 75, 84

■ 34, 52, 61

■ 13, 30, 39

■ 0, 19, 19

 211, 233, 243

 211, 233, 243

 187, 226, 243

 235, 240, 243


 162, 218, 243


 255, 243, 252


 138, 210, 243


 255, 243, 255

 114, 203, 243

 90, 195, 243

 65, 187, 243

 41, 180, 243

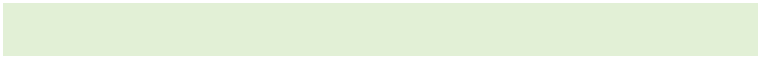
 17, 172, 243

 0, 167, 243

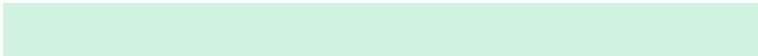
Harmonies

Analogous

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



214, 240, 228



211, 233, 243



202, 224, 244

Triad

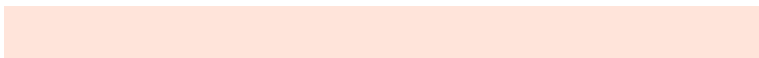
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 233, 243



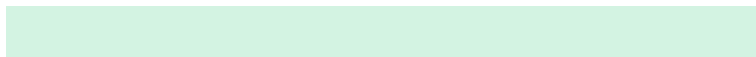
227, 233, 255



255, 232, 218

Complementary

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



211, 233, 243



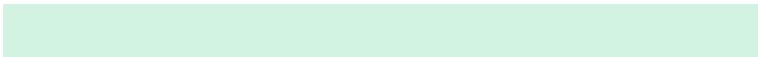
243, 211, 228

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, 226, 231



211, 233, 243



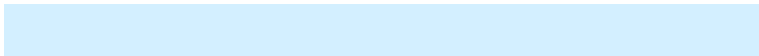
244, 230, 255

Square

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



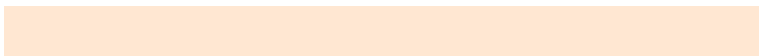
211, 233, 243



211, 228, 255



255, 227, 245



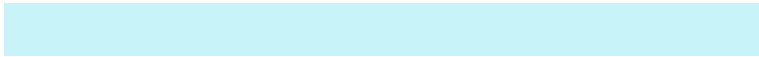
255, 249, 210

Rectangle

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



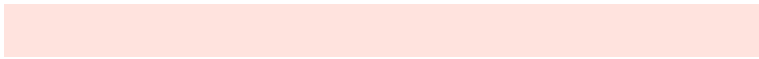
211, 233, 243



200, 223, 249



255, 227, 245



255, 228, 222

Sweetspot

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



211, 233, 243



245, 252, 255



211, 243, 225



121, 126, 128



0, 0, 0



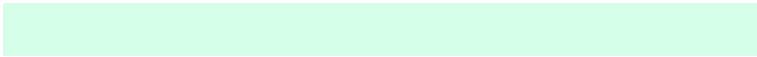
128, 128, 128

Same Dimension

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



211, 233, 243



214, 242, 255



211, 228, 243



110, 118, 122



0, 128, 186



0, 40, 59

Inverse Universe

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



243, 211, 228



255, 214, 236



243, 211, 213



122, 110, 117



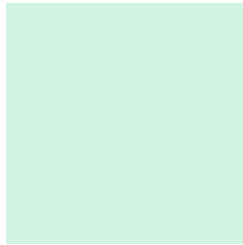
186, 0, 102



59, 0, 32

Previews

White Background



This preview shows how the RYB color 211, 233, 243 looks on a white background.

Color Contrast Check

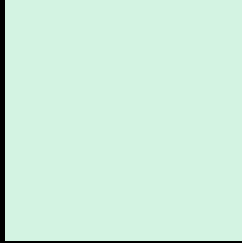
Large Text (above 18pt) WCAG AA × Fail

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, 233, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

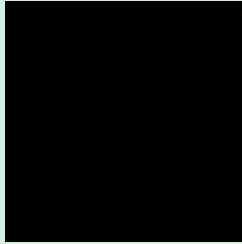
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

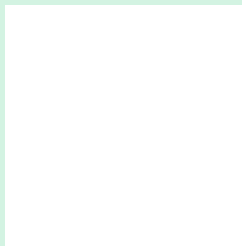
Any Text WCAG AAA ✓ Pass

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

RYB 211, 233, 243 Background



This preview shows how black text looks on a background with the RYB color 211, 233, 243.



This preview shows how white text looks on a background with the RYB color 211, 233, 243.

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](#).

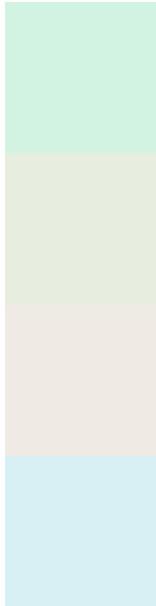
Dichromacy





Tritanopia
219, 231, 255

Trichromacy



Original Color
211, 233, 243

Protanomaly
223, 237, 229

Deuteranomaly
237, 239, 228

Tritanomaly
216, 229, 244

Monochromacy



Original Color
211, 233, 243

Achromatopsia
231, 231, 231

Achromatomaly
224, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 233, 243 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, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(211, 243, 226)  
}
```

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, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 243, 226) }
```

Border

The CSS property to change the border of an element to RYB 211, 233, 243 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, 243, 226) }
```

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

```
.border{ border-color:rgb(211, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 243, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 243, 226); box-shadow:4px 4px 4px 4px rgb(211, 243, 226) }
```

Background

The CSS property to change the background color of an element to RYB 211, 233, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 243, 226) }
```

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

```
.background{ background-color: rgb(211,  
243, 226) }
```

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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