

Converting Colors

`RYB(211, 232, 247)`

Have a look what the booklet for
RYB(211, 232, 247) contains.

RYB(211, 232, 247)	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, 232, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D3F7ED
RGB	211, 247, 237
RGB Percent	83%, 97%, 93%
CMY	0.1725, 0.0314, 0.0717
CMYK	0.15, 0.00, 0.04, 0.03
HSL	163°, 69%, 90%
HSV	163°, 15%, 97%
XYZ	75.3691, 86.4681, 92.6197
YIQ	235.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

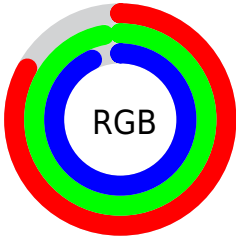
Format	Color
R _Y B	211, 232, 247
Decimal	13891565
CIE Lab	94.51, -13.55, 1.04
CIE LCh	95, 13.591, 175.622
Yxy	86.4681, 0.2962, 0.3398
Android (android.graphics.Color)	4292081645 (0xFFD3F7ED)
YUV	235.0960, 0.9387, -21.1322
Hunter-Lab	92.9883, -18.0512, 6.0368

Details

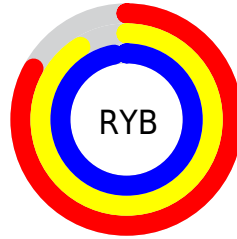
The RYB color **211, 232, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 211, 221**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 176, 191** is the 20% darker color. If you saturate the color by 10%, you get **186, 221, 247**, and if you desaturate by 10%, it is **236, 242, 247**.

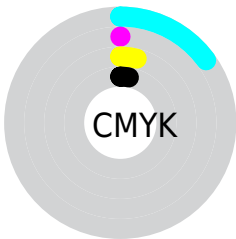
Distribution



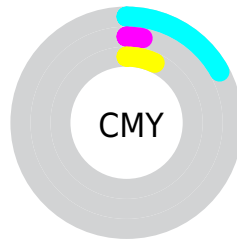
- Red (83%)
- Green (97%)
- Blue (93%)



- Red (83%)
- Yellow (91%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 232, 247 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, 232, 247 by changing the saturation by 10% instead.

■ 211, 232, 247

255, 255, 255

■ 211, 232, 247

■ 183, 203, 218

■ 156, 176, 191

■ 130, 149, 163

■ 104, 123, 137

■ 80, 99, 112

■ 56, 74, 87

■ 33, 51, 64

■ 10, 28, 42

■ 0, 14, 22

■ 211, 232, 247

■ 211, 232, 247

■ 186, 221, 247

■ 236, 242, 247

■ 162, 211, 247

■ 255, 247, 251

■ 137, 201, 247

■ 255, 247, 255

■ 112, 191, 247

■ 87, 180, 247

■ 63, 170, 247

■ 38, 160, 247

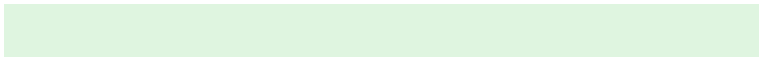
■ 13, 150, 247

■ 0, 144, 247

Harmonies

Analogous

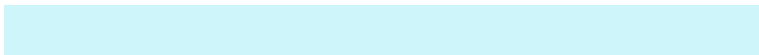
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 244, 245



211, 232, 247



206, 227, 250

Triad

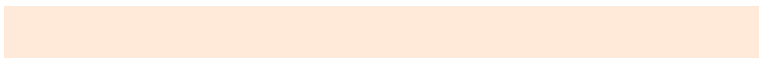
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 232, 247



240, 237, 255



255, 246, 218

Complementary

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



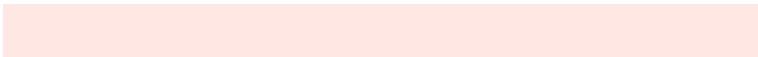
211, 232, 247



247, 211, 221

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, 231, 228



211, 232, 247



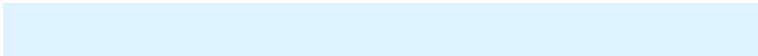
255, 233, 254

Square

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



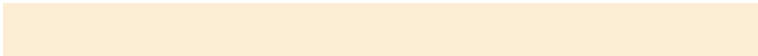
211, 232, 247



223, 235, 255



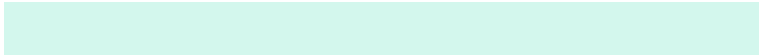
255, 231, 242



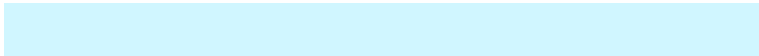
235, 252, 213

Rectangle

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



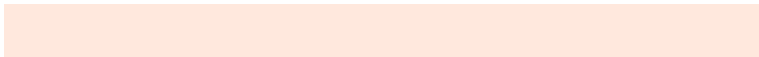
211, 232, 247



208, 229, 255



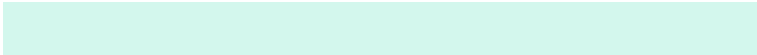
255, 231, 242



255, 237, 221

Sweetspot

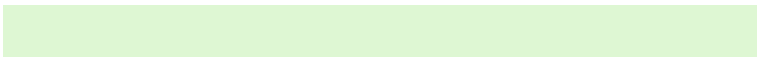
The Sweet Spot groups the original color and five complimentary colors.



211, 232, 247



245, 251, 255



211, 247, 236



121, 125, 128



0, 0, 0



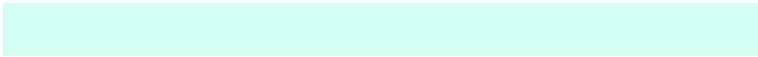
128, 128, 128

Same Dimension

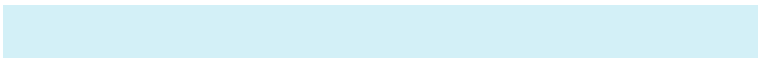
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 232, 247



212, 237, 255



211, 227, 247



110, 117, 122



0, 108, 186



0, 34, 59

Inverse Universe

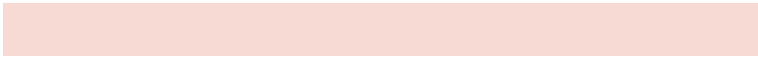
The Inverse Universe completely reimagines the original color for something new.



247, 211, 221



255, 212, 224



247, 220, 211



122, 110, 114



186, 0, 53



59, 0, 17

Previews

White Background



This preview shows how the RYB color 211, 232, 247 looks on a white background.

Color Contrast Check

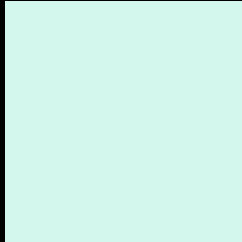
Large Text (above 18pt) WCAG AA × Fail

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, 232, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

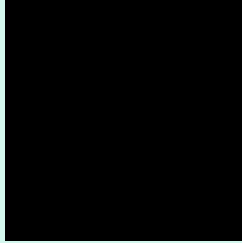
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

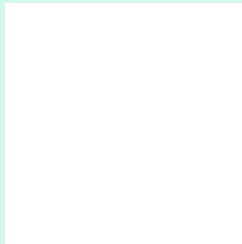
Any Text WCAG AAA ✓ Pass

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

RYB 211, 232, 247 Background



This preview shows how black text looks on a background with the RYB color 211, 232, 247.



This preview shows how white text looks on a background with the RYB color 211, 232, 247.

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





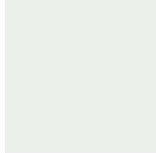
Tritanopia
224, 235, 255

Trichromacy



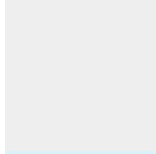
Original Color

211, 232, 247



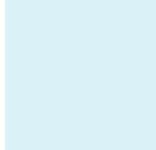
Protanomaly

233, 241, 241



Deuteranomaly

239, 238, 239



Tritanomaly

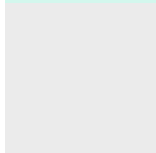
219, 232, 248

Monochromacy



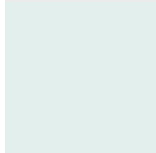
Original Color

211, 232, 247



Achromatopsia

235, 235, 235



Achromatomaly

226, 233, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 232, 247 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, 247, 237) looks like.

```
.text, #text, p{  
    color:rgb(211, 247, 237)  
}
```

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, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 247, 237) }
```

Border

The CSS property to change the border of an element to RYB 211, 232, 247 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, 247, 237) }
```

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

```
.border{ border-color:rgb(211, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(211, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 247,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 211, 232, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 247, 237) }
```

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

```
.background{ background-color: rgb(211,  
247, 237) }
```

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