

Converting Colors

`RYB(209, 230, 235)`

Have a look what the booklet for RYB(209, 230, 235) contains.

RYB(209, 230, 235)	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(209, 230, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D1EBD7
RGB	209, 235, 215
RGB Percent	82%, 92%, 84%
CMY	0.1804, 0.0784, 0.1561
CMYK	0.11, 0.00, 0.08, 0.08
HSL	134°, 39%, 87%
HSV	134°, 11%, 92%
XYZ	68.2931, 77.8881, 75.8529
YIQ	224.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

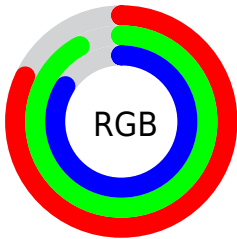
Format	Color
R_{YB}	209, 230, 235
Decimal	13757399
CIE _{Lab}	90.73, -12.20, 6.72
CIE _{LCh}	91, 13.932, 151.168
Yxy	77.8881, 0.3076, 0.3508
Android (android.graphics.Color)	4291947479 (0xFFD1EBD7)
YUV	224.9460, -4.9034, -13.9846
Hunter-Lab	88.2542, -16.3176, 10.8193

Details

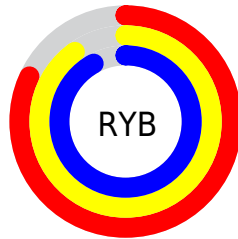
The RYB color **209, 230, 235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 209, 229**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 174, 179** is the 20% darker color. If you saturate the color by 10%, you get **186, 226, 235**, and if you desaturate by 10%, it is **233, 235, 235**.

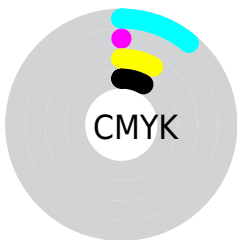
Distribution



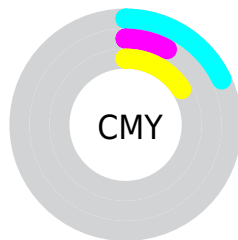
- Red (82%)
- Green (92%)
- Blue (84%)



- Red (82%)
- Yellow (90%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 230, 235 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 209, 230, 235 by changing the saturation by 10% instead.

■ 209, 230, 235

255, 255, 255

■ 209, 230, 235

■ 181, 202, 207

■ 154, 174, 179

■ 128, 147, 152

■ 103, 121, 126

■ 79, 96, 101

■ 56, 72, 77

■ 34, 50, 55

■ 13, 28, 33

■ 0, 5, 5

 209, 230, 235

 209, 230, 235

 186, 226, 235

 233, 235, 235

 162, 221, 235

 255, 235, 251


 139, 217, 235


 255, 235, 255

 115, 212, 235

 92, 208, 235

 68, 203, 235

 45, 199, 235

 21, 194, 235

 0, 190, 235

Harmonies

Analogous

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



205, 232, 213



209, 230, 235



198, 219, 236

Triad

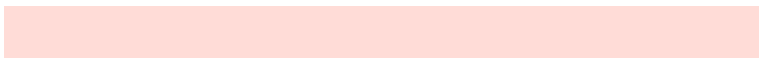
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 230, 235



215, 225, 255



255, 221, 215

Complementary

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



209, 230, 235



235, 209, 229

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, 219, 228



209, 230, 235



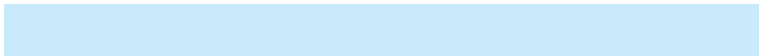
232, 225, 251

Square

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



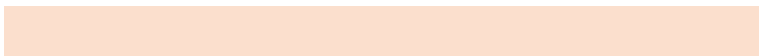
209, 230, 235



201, 221, 251



247, 221, 242



251, 235, 205

Rectangle

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



209, 230, 235



195, 216, 237



247, 221, 242



255, 220, 219

Sweetspot

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



209, 230, 235



247, 253, 255



209, 235, 215



122, 127, 128



0, 0, 0



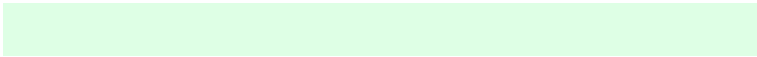
128, 128, 128

Same Dimension

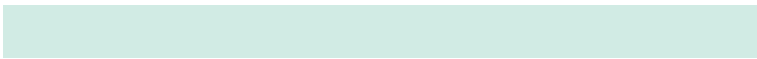
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 230, 235



222, 249, 255



209, 224, 235



106, 115, 117



0, 146, 181



0, 44, 54

Inverse Universe

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



235, 209, 229



255, 222, 247



235, 209, 216



117, 106, 115



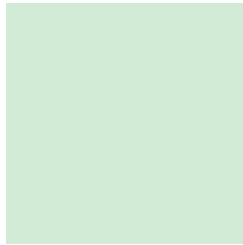
181, 0, 138



54, 0, 41

Previews

White Background



This preview shows how the RYB color 209, 230, 235 looks on a white background.

Color Contrast Check

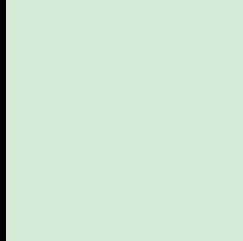
Large Text (above 18pt) WCAG AA × Fail

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 209, 230, 235 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

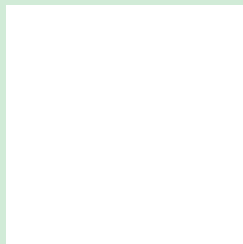
Any Text WCAG AAA ✓ Pass

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

RYP 209, 230, 235 Background



This preview shows how black text looks on a background with the RYP color 209, 230, 235.

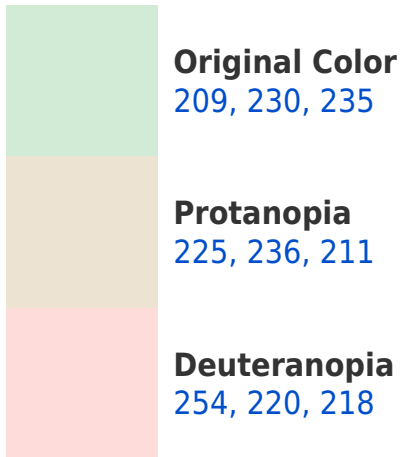


This preview shows how white text looks on a background with the RYP color 209, 230, 235.

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

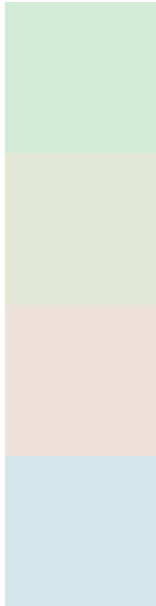




Tritanopia

215, 225, 248

Trichromacy



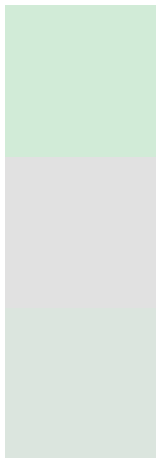
Original Color
209, 230, 235

Protanomaly
213, 230, 217

Deuteranomaly
238, 230, 217

Tritanomaly
213, 223, 236

Monochromacy



Original Color
209, 230, 235

Achromatopsia
225, 225, 225

Achromatomaly
219, 227, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 230, 235 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(209, 235, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 235, 215)  
}
```

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(209, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 235, 215) }
```

Border

The CSS property to change the border of an element to RYB 209, 230, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

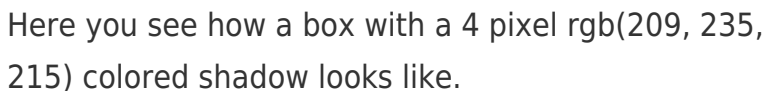
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 235, 215) }
```

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

```
.border{ border-color:rgb(209, 235, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 235, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 235, 215); box-shadow:4px 4px 4px 4px rgb(209, 235, 215) }
```

Background

The CSS property to change the background color of an element to RGB 209, 235, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 235, 215) }
```

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

```
.background{ background-color: rgb(209,  
235, 215) }
```

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