

Converting Colors

`RYB(201, 229, 237)`

Have a look what the booklet for RYB(201, 229, 237) contains.

RYB(201, 229, 237)	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(201, 229, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C9EDD3
RGB	201, 237, 211
RGB Percent	79%, 93%, 83%
CMY	0.2118, 0.0706, 0.1714
CMYK	0.15, 0.00, 0.11, 0.07
HSL	137°, 50%, 86%
HSV	137°, 15%, 93%
XYZ	66.1653, 77.7034, 73.3269
YIQ	223.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

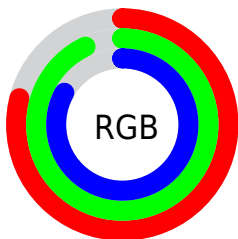
Format	Color
RYB	201, 229, 237
Decimal	13233619
CIELab	90.64, -16.54, 8.56
CIElCh	91, 18.626, 152.630
Yxy	77.7034, 0.3046, 0.3578
Android (android.graphics.Color)	4291423699 (0xFFC9EDD3)
YUV	223.2720, -6.0501, -19.5325
Hunter-Lab	88.1495, -20.2790, 12.3844

Details

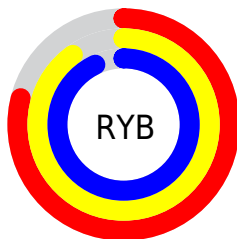
The RYB color **201, 229, 237** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 201, 227**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 174, 181** is the 20% darker color. If you saturate the color by 10%, you get **177, 224, 237**, and if you desaturate by 10%, it is **225, 235, 237**.

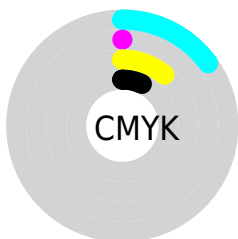
Distribution



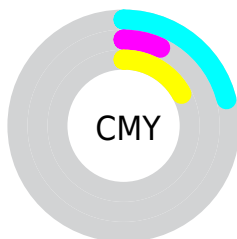
- Red (79%)
- Green (93%)
- Blue (83%)



- Red (79%)
- Yellow (90%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 229, 237 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 201, 229, 237 by changing the saturation by 10% instead.

■ 201, 229, 237

255, 255, 255

■ 201, 229, 237

■ 173, 201, 209

■ 147, 173, 181

■ 121, 146, 154

■ 96, 120, 128

■ 71, 95, 103

■ 48, 71, 79

■ 26, 48, 56

■ 4, 25, 34

■ 0, 4, 4

 201, 229, 237

 201, 229, 237

 177, 224, 237

 225, 235, 237

 154, 219, 237


 248, 237, 245


 130, 214, 237


 255, 237, 255


 106, 208, 237

 82, 202, 237

 59, 197, 237

 35, 192, 237

 11, 187, 237

 0, 184, 237

Harmonies

Analogous

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



198, 233, 210



201, 229, 237



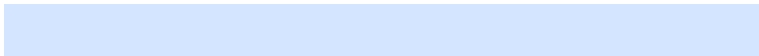
186, 215, 239

Triad

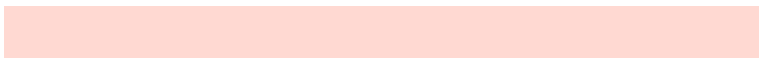
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 229, 237



211, 224, 255



255, 218, 210

Complementary

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



201, 229, 237



237, 201, 227

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, 216, 227



201, 229, 237



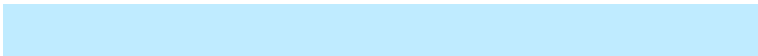
234, 223, 255

Square

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



201, 229, 237



191, 217, 255



253, 218, 245



255, 241, 197

Rectangle

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



201, 229, 237



182, 211, 241



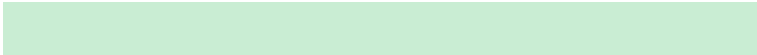
253, 218, 245



255, 216, 215

Sweetspot

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



201, 229, 237



242, 252, 255



201, 237, 211



120, 126, 128



0, 0, 0



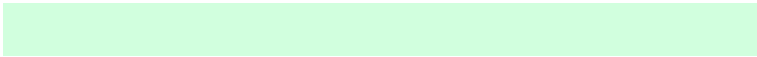
128, 128, 128

Same Dimension

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



201, 229, 237



209, 245, 255



201, 221, 237



106, 115, 117



0, 141, 181



0, 42, 54

Inverse Universe

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



237, 201, 227



255, 209, 242



237, 201, 209



117, 106, 114



181, 0, 129



54, 0, 38

Previews

White Background



This preview shows how the RYB color 201, 229, 237 looks on a white background.

Color Contrast Check

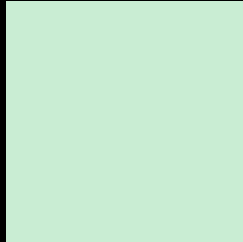
Large Text (above 18pt) WCAG AA × Fail

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 201, 229, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

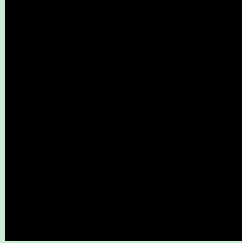
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

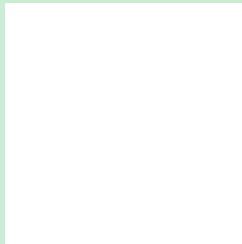
Any Text WCAG AAA ✓ Pass

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

RYB 201, 229, 237 Background



This preview shows how black text looks on a background with the RYB color 201, 229, 237.

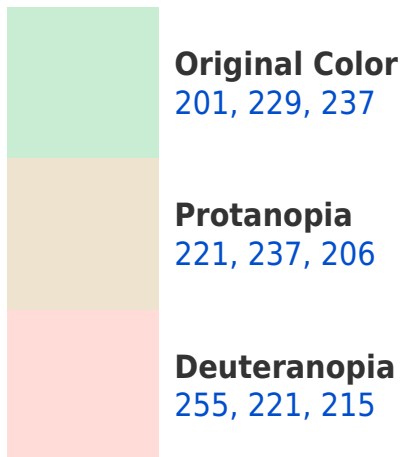


This preview shows how white text looks on a background with the RYB color 201, 229, 237.

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](#).

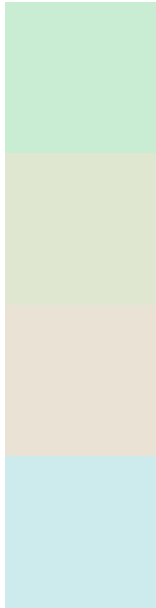
Dichromacy





Tritanopia
208, 223, 250

Trichromacy



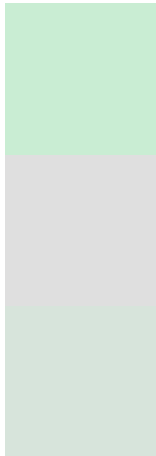
Original Color
201, 229, 237

Protanomaly
208, 231, 215

Deuteranomaly
230, 235, 214

Tritanomaly
205, 220, 236

Monochromacy



Original Color
201, 229, 237

Achromatopsia
223, 223, 223

Achromatomaly
215, 225, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 229, 237 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(201, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 237, 211)  
}
```

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(201, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 237, 211) }
```

Border

The CSS property to change the border of an element to RYB 201, 229, 237 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(201, 237, 211) }
```

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

```
.border{ border-color:rgb(201, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 237,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 201, 229, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 237, 211) }
```

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

```
.background{ background-color: rgb(201,  
237, 211) }
```

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