

Converting Colors

`RYB(201, 236, 243)`

Have a look what the booklet for
RYB(201, 236, 243) contains.

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Color

R_YB(201, 236, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C9F3D1
RGB	201, 243, 209
RGB Percent	79%, 95%, 82%
CMY	0.2118, 0.0471, 0.1788
CMYK	0.17, 0.00, 0.14, 0.05
HSL	132°, 64%, 87%
HSV	132°, 17%, 95%
XYZ	67.6962, 81.1420, 72.6756
YIQ	226.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

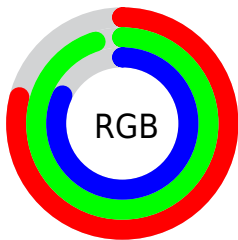
Format	Color
R_{YB}	201, 236, 243
Decimal	13235153
CIE _{Lab}	92.19, -19.83, 11.76
CIE _{LCh}	92, 23.056, 149.340
Yxy	81.1420, 0.3056, 0.3663
Android (android.graphics.Color)	4291425233 (0xFFC9F3D1)
YUV	226.5660, -8.6600, -22.4214
Hunter-Lab	90.0788, -23.4913, 15.2200

Details

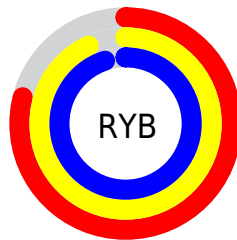
The RYB color **201, 236, 243** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 201, 235**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 180, 187** is the 20% darker color. If you saturate the color by 10%, you get **177, 232, 243**, and if you desaturate by 10%, it is **225, 240, 243**.

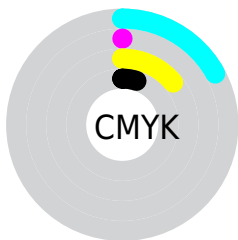
Distribution



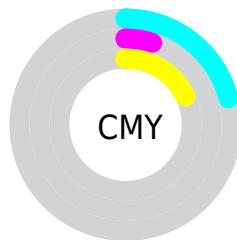
- Red (79%)
- Green (95%)
- Blue (82%)



- Red (79%)
- Yellow (93%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 236, 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 201, 236, 243 by changing the saturation by 10% instead.

■ 201, 236, 243

255, 255, 255

■ 201, 236, 243

■ 173, 208, 215

■ 147, 180, 187

■ 120, 153, 160

■ 95, 126, 133

■ 71, 101, 108

■ 47, 76, 84

■ 24, 52, 60

■ 2, 29, 38

■ 0, 14, 14

 201, 236, 243

 201, 236, 243

 177, 232, 243

 225, 240, 243

 152, 227, 243

 250, 243, 248

 128, 224, 243

 255, 243, 255

 104, 220, 243

 79, 216, 243

 55, 211, 243

 31, 208, 243

 7, 204, 243

 0, 202, 243

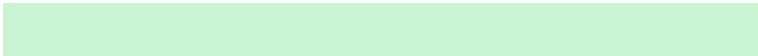
Harmonies

Analogous

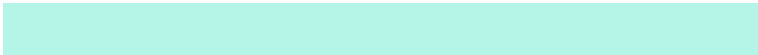
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194, 238, 206



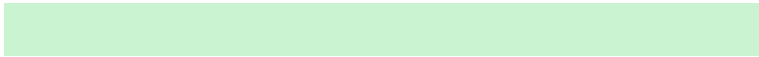
201, 236, 243



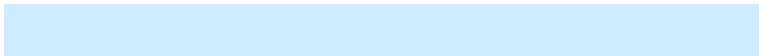
181, 217, 245

Triad

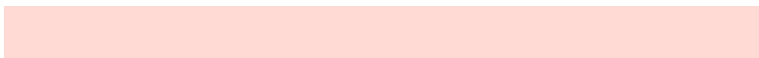
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 236, 243



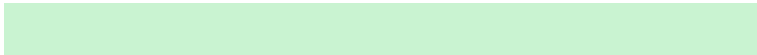
207, 225, 255



255, 219, 212

Complementary

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



201, 236, 243



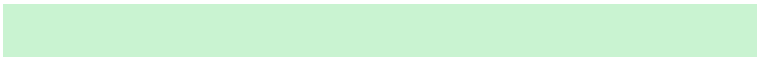
243, 201, 235

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, 217, 234



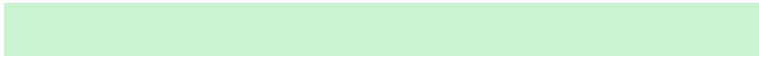
201, 236, 243



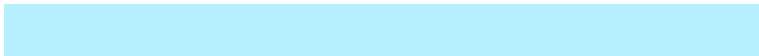
236, 227, 255

Square

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



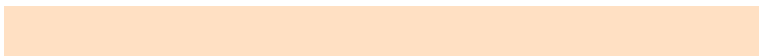
201, 236, 243



183, 215, 255



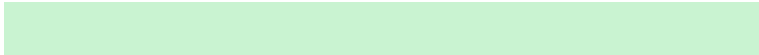
255, 221, 255



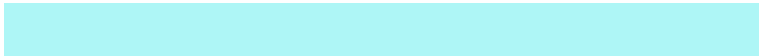
255, 251, 195

Rectangle

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



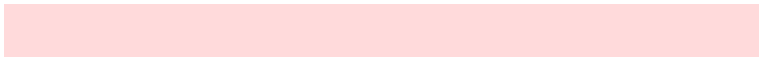
201, 236, 243



174, 210, 246



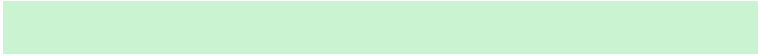
255, 221, 255



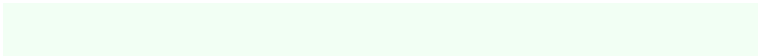
255, 218, 219

Sweetspot

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



201, 236, 243



242, 253, 255



201, 243, 209



120, 127, 128



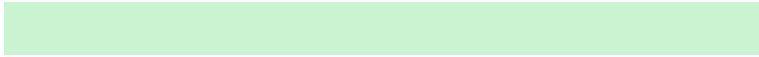
0, 0, 0



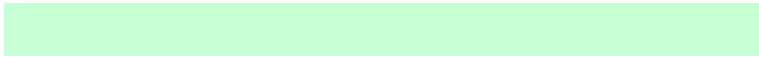
128, 128, 128

Same Dimension

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



201, 236, 243



201, 246, 255



201, 226, 243



110, 120, 122



0, 155, 186



0, 49, 59

Inverse Universe

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



243, 201, 235



255, 201, 244



243, 201, 214



122, 110, 120



186, 0, 149



59, 0, 47

Previews

White Background



This preview shows how the RYB color 201, 236, 243 looks on a white background.

Color Contrast Check

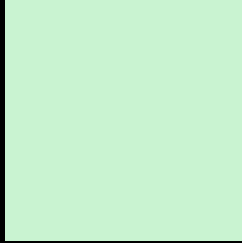
Large Text (above 18pt) WCAG AA × Fail

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 201, 236, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

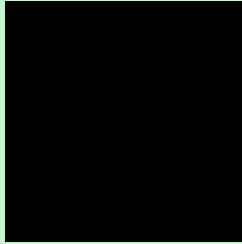
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

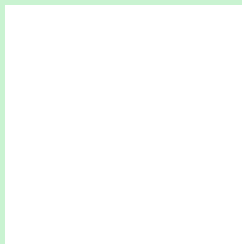
Any Text WCAG AAA ✓ Pass

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

RYB 201, 236, 243 Background



This preview shows how black text looks on a background with the RYB color 201, 236, 243.



This preview shows how white text looks on a background with the RYB color 201, 236, 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





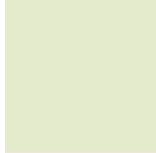
Tritanopia
209, 226, 255

Trichromacy



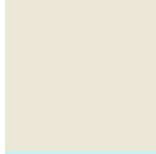
Original Color

201, 236, 243



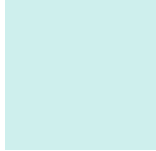
Protanomaly

205, 235, 212



Deuteranomaly

219, 235, 215



Tritanomaly

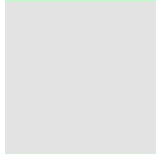
206, 223, 239

Monochromacy



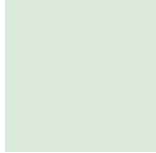
Original Color

201, 236, 243



Achromatopsia

227, 227, 227



Achromatomaly

218, 231, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 236, 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(201, 243, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 209)  
}
```

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, 243, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 209) }
```

Border

The CSS property to change the border of an element to RYB 201, 236, 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(201, 243, 209) }
```

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

```
.border{ border-color:rgb(201, 243, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 201, 236, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 209) }
```

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

```
.background{ background-color: rgb(201,  
243, 209) }
```

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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