

Converting Colors

RYB(201, 233, 246)

Have a look what the booklet for
RYB(201, 233, 246) contains.

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Color

R_YB(201, 233, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C9F6DB
RGB	201, 246, 219
RGB Percent	79%, 96%, 86%
CMY	0.2118, 0.0353, 0.1401
CMYK	0.18, 0.00, 0.11, 0.04
HSL	144°, 71%, 88%
HSV	144°, 18%, 96%
XYZ	69.8664, 83.4583, 79.6388
YIQ	229.4670, -18.1530, -17.9370

Conversions

Conversions Part 2

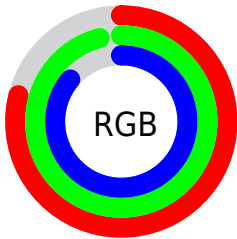
Format	Color
R_{YB}	201, 233, 246
Decimal	13235931
CIE _{Lab}	93.21, -19.51, 8.10
CIE _{LCh}	93, 21.123, 157.444
Yxy	83.4583, 0.2999, 0.3582
Android (android.graphics.Color)	4291426011 (0xFFC9F6DB)
YUV	229.4670, -5.1602, -24.9656
Hunter-Lab	91.3555, -23.3599, 12.2630

Details

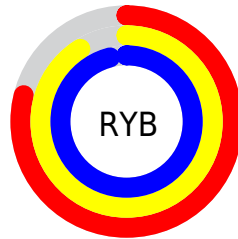
The RYB color **201, 233, 246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 201, 228**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 177, 190** is the 20% darker color. If you saturate the color by 10%, you get **176, 225, 246**, and if you desaturate by 10%, it is **226, 240, 246**.

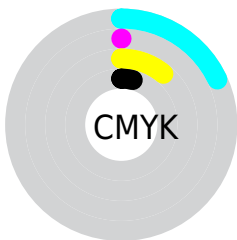
Distribution



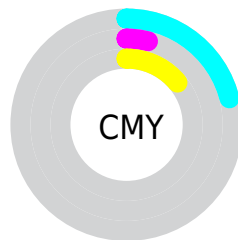
- Red (79%)
- Green (96%)
- Blue (86%)



- Red (79%)
- Yellow (91%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 233, 246 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, 233, 246 by changing the saturation by 10% instead.

■ 201, 233, 246

255, 255, 255

■ 201, 233, 246

■ 173, 204, 217

■ 146, 177, 190

■ 120, 149, 162

■ 95, 123, 136

■ 70, 98, 111

■ 47, 74, 86

■ 23, 50, 63

■ 0, 26, 40

■ 0, 19, 19

 201, 233, 246

 201, 233, 246

 176, 225, 246

 226, 240, 246


 152, 219, 246


 250, 246, 248


 127, 212, 246

 255, 246, 255

 103, 205, 246

 78, 198, 246

 53, 190, 246

 29, 183, 246

 4, 176, 246

 0, 175, 246

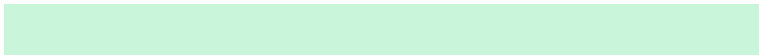
Harmonies

Analogous

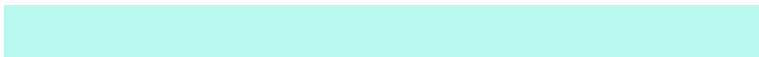
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203, 242, 222



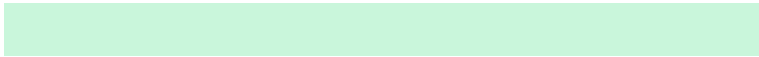
201, 233, 246



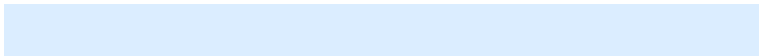
185, 219, 248

Triad

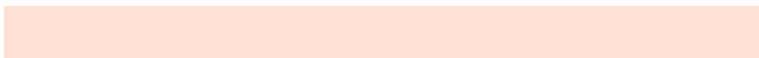
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 233, 246



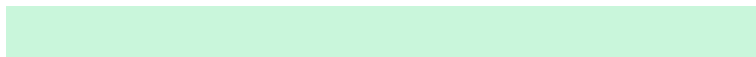
219, 231, 255



255, 229, 212

Complementary

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



201, 233, 246



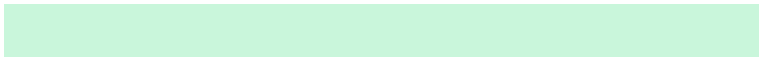
246, 201, 228

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, 221, 231



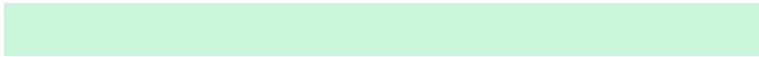
201, 233, 246



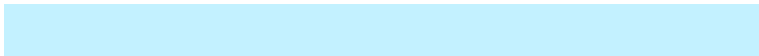
246, 229, 255

Square

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



201, 233, 246



195, 221, 255



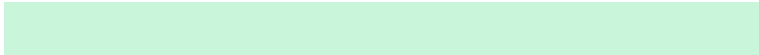
255, 223, 252



248, 255, 199

Rectangle

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



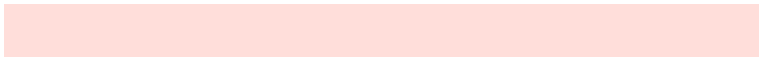
201, 233, 246



182, 216, 253



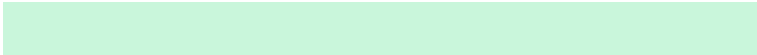
255, 223, 252



255, 222, 218

Sweetspot

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



201, 233, 246



242, 251, 255



201, 246, 219



120, 126, 128



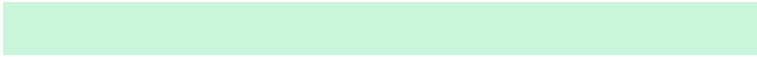
0, 0, 0



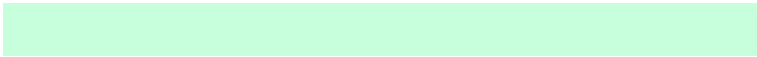
128, 128, 128

Same Dimension

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



201, 233, 246



199, 239, 255



201, 225, 246



110, 118, 122



0, 132, 186



0, 42, 59

Inverse Universe

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



246, 201, 228



255, 199, 232



246, 201, 206



122, 110, 117



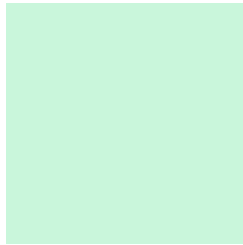
186, 0, 111



59, 0, 35

Previews

White Background



This preview shows how the RYB color 201, 233, 246 looks on a white background.

Color Contrast Check

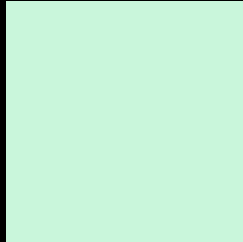
Large Text (above 18pt) WCAG AA × Fail

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, 233, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

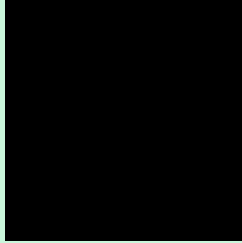
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

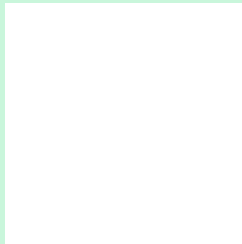
Any Text WCAG AAA ✓ Pass

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

RYB 201, 233, 246 Background



This preview shows how black text looks on a background with the RYB color 201, 233, 246.



This preview shows how white text looks on a background with the RYB color 201, 233, 246.

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

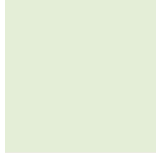
214, 230, 255

Trichromacy



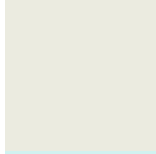
Original Color

201, 233, 246



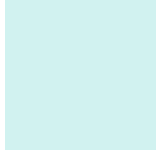
Protanomaly

215, 238, 225



Deuteranomaly

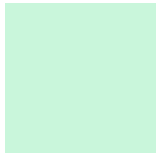
224, 235, 224



Tritanomaly

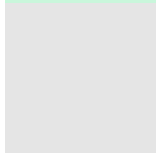
209, 226, 242

Monochromacy



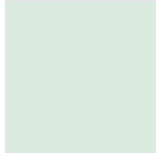
Original Color

201, 233, 246



Achromatopsia

229, 229, 229



Achromatomaly

219, 231, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 233, 246 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, 246, 219)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 219)  
}
```

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, 246, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 219) }
```

Border

The CSS property to change the border of an element to RYB 201, 233, 246 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, 246, 219) }
```

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

```
.border{ border-color:rgb(201, 246, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 219);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 201, 233, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 219) }
```

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

```
.background{ background-color: rgb(201,  
246, 219) }
```

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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