

Converting Colors

`RYB(201, 240, 247)`

Have a look what the booklet for
RYB(201, 240, 247) contains.

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Color

R_YB(201, 240, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C9F7D1
RGB	201, 247, 209
RGB Percent	79%, 97%, 82%
CMY	0.2118, 0.0314, 0.1794
CMYK	0.19, 0.00, 0.15, 0.03
HSL	131°, 74%, 88%
HSV	131°, 19%, 97%
XYZ	68.8886, 83.5552, 72.9851
YIQ	228.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

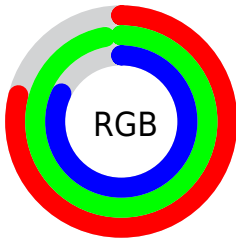
Format	Color
RYB	201, 240, 247
Decimal	13236177
CIELab	93.26, -21.80, 13.34
CIElCh	93, 25.562, 148.541
Yxy	83.5552, 0.3056, 0.3706
Android (android.graphics.Color)	4291426257 (0xFFC9F7D1)
YUV	228.9140, -9.8176, -24.4806
Hunter-Lab	91.4085, -25.4413, 16.6459

Details

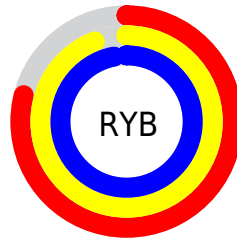
The RYB color **201, 240, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 201, 239**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 184, 191** is the 20% darker color. If you saturate the color by 10%, you get **176, 236, 247**, and if you desaturate by 10%, it is **226, 244, 247**.

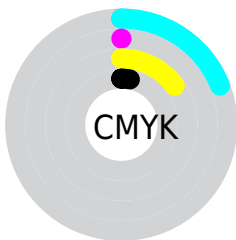
Distribution



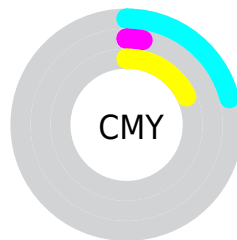
- Red (79%)
- Green (97%)
- Blue (82%)



- Red (79%)
- Yellow (94%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (21%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 240, 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 201, 240, 247 by changing the saturation by 10% instead.

■ 201, 240, 247

255, 255, 255

■ 201, 240, 247

■ 173, 211, 218

■ 146, 184, 191

■ 120, 156, 163

■ 95, 130, 137

■ 70, 104, 111


■ 46, 79, 87

■ 23, 54, 63

■ 0, 31, 41

■ 0, 20, 20

 201, 240, 247

 201, 240, 247

 176, 236, 247

 226, 244, 247

 152, 233, 247

 250, 247, 250

 127, 229, 247

 255, 247, 255

 102, 225, 247

 77, 221, 247

 53, 217, 247

 28, 214, 247

 3, 210, 247

 0, 210, 247

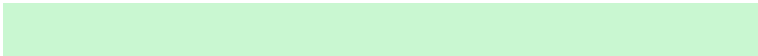
Harmonies

Analogous

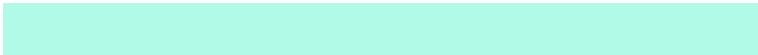
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 241, 204



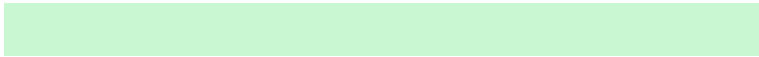
201, 240, 247



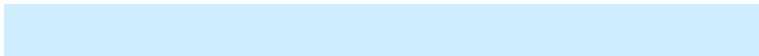
178, 219, 250

Triad

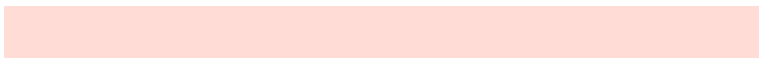
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 240, 247



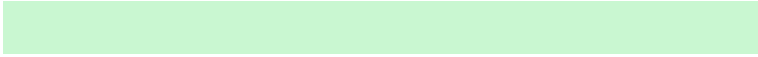
206, 225, 255



255, 221, 213

Complementary

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



201, 240, 247



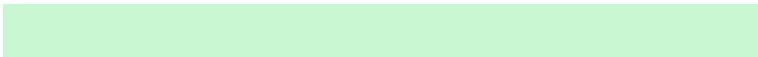
247, 201, 239

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, 218, 238



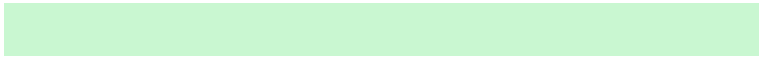
201, 240, 247



238, 230, 255

Square

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



201, 240, 247



178, 214, 255



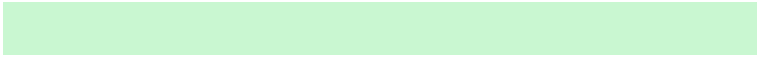
255, 222, 255



253, 255, 194

Rectangle

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



201, 240, 247



169, 210, 250



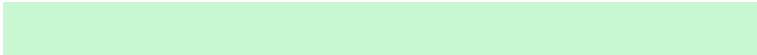
255, 222, 255



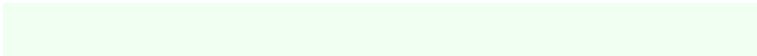
255, 219, 221

Sweetspot

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



201, 240, 247



240, 253, 255



201, 247, 209



119, 127, 128



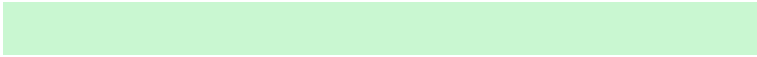
0, 0, 0



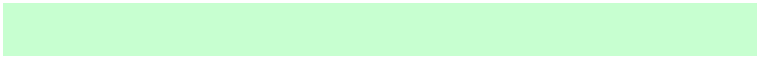
128, 128, 128

Same Dimension

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



201, 240, 247



199, 247, 255



201, 228, 247



110, 120, 122



0, 158, 186



0, 50, 59

Inverse Universe

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



247, 201, 239



255, 199, 245



247, 201, 216



122, 110, 120



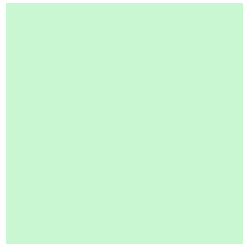
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RYB color 201, 240, 247 looks on a white background.

Color Contrast Check

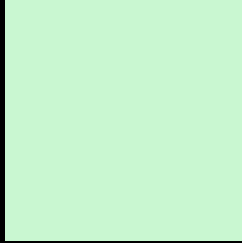
Large Text (above 18pt) WCAG AA × Fail

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 201, 240, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

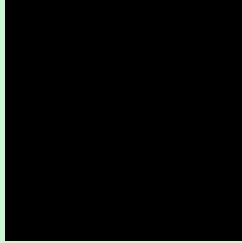
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

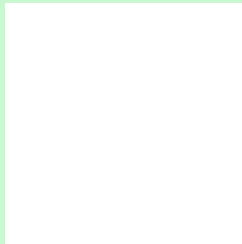
Any Text WCAG AAA ✓ Pass

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

RYB 201, 240, 247 Background



This preview shows how black text looks on a background with the RYB color 201, 240, 247.



This preview shows how white text looks on a background with the RYB color 201, 240, 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

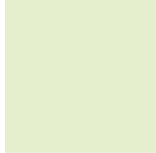
214, 230, 255

Trichromacy



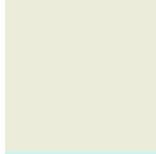
Original Color

201, 240, 247



Protanomaly

205, 239, 214



Deuteranomaly

217, 236, 218



Tritanomaly

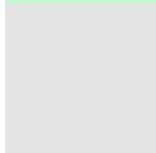
209, 227, 242

Monochromacy



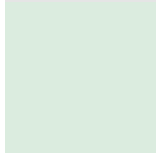
Original Color

201, 240, 247



Achromatopsia

229, 229, 229



Achromatomaly

219, 233, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 240, 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(201, 247, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 247, 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, 247, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 247, 209) }
```

Border

The CSS property to change the border of an element to RYB 201, 240, 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(201, 247, 209) }
```

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

```
.border{ border-color:rgb(201, 247, 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, 247, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 247, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 247, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 247,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 201, 240, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 247, 209) }
```

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

```
.background{ background-color: rgb(201,  
247, 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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