

Converting Colors

`RYB(201, 248, 242)`

Have a look what the booklet for
RYB(201, 248, 242) contains.

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Color

R_YB(201, 248, 242)

Conversions

Conversions Part 1

Format	Color
Hex	CFF8C9
RGB	207, 248, 201
RGB Percent	81%, 97%, 79%
CMY	0.1882, 0.0275, 0.2118
CMYK	0.17, 0.00, 0.19, 0.03
HSL	112°, 77%, 88%
HSV	112°, 19%, 97%
XYZ	69.8421, 84.6172, 67.9100
YIQ	230.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

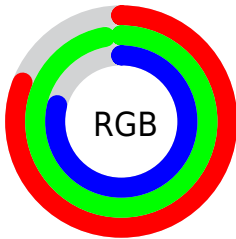
Format	Color
R_{YB}	201, 248, 242
Decimal	13629641
CIE _{Lab}	93.72, -21.73, 18.29
CIE _{LCh}	94, 28.402, 139.911
Yxy	84.6172, 0.3141, 0.3805
Android (android.graphics.Color)	4291819721 (0xFFCFF8C9)
YUV	230.3830, -14.4858, -20.5069
Hunter-Lab	91.9876, -25.4512, 20.6204

Details

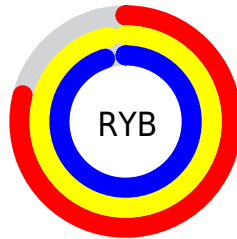
The RYB color **201, 248, 242** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 201, 248**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 191, 186** is the 20% darker color. If you saturate the color by 10%, you get **176, 248, 239**, and if you desaturate by 10%, it is **226, 248, 245**.

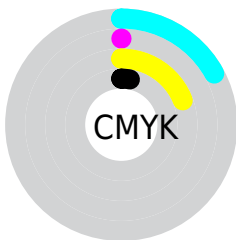
Distribution



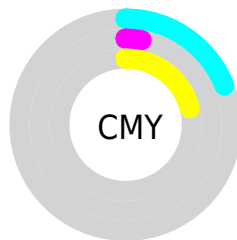
- Red (81%)
- Green (97%)
- Blue (79%)



- Red (79%)
- Yellow (97%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (19%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 248, 242 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, 248, 242 by changing the saturation by 10% instead.

■ 201, 248, 242

255, 255, 255

■ 201, 248, 242

■ 174, 219, 214

■ 147, 191, 186

■ 121, 164, 159

■ 96, 138, 134

■ 72, 112, 108

■ 49, 88, 85

■ 28, 64, 63

■ 3, 42, 39


■ 0, 21, 21

 201, 248, 242

 201, 248, 242

 176, 248, 239

 226, 248, 245

 151, 248, 235

 250, 248, 251

 127, 248, 233

 255, 248, 255

 102, 248, 230

 77, 248, 226

 52, 248, 223

 27, 248, 219

 3, 248, 217

 0, 248, 216

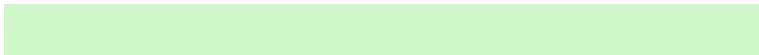
Harmonies

Analogous

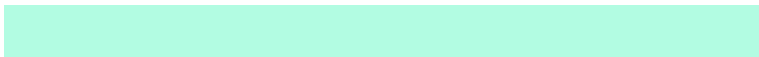
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 241, 188



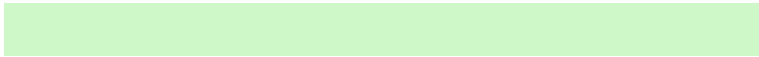
201, 248, 242



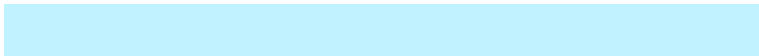
178, 223, 252

Triad

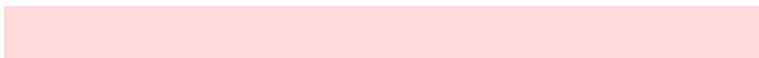
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 248, 242



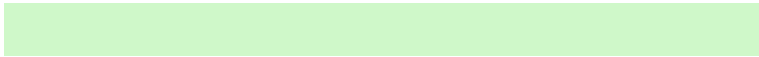
192, 220, 255



255, 218, 220

Complementary

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



201, 248, 242



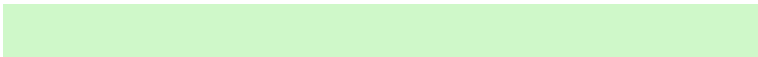
242, 201, 248

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, 247



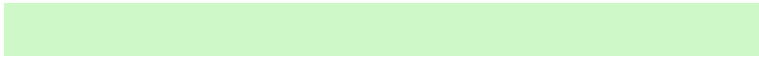
201, 248, 242



229, 232, 255

Square

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



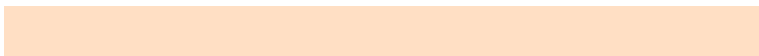
201, 248, 242



165, 208, 255



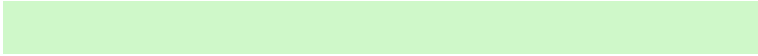
255, 224, 255



255, 246, 196

Rectangle

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



201, 248, 242



165, 211, 253



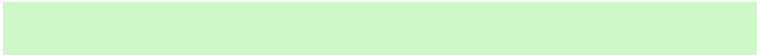
255, 224, 255



255, 217, 229

Sweetspot

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



201, 248, 242



240, 255, 253



208, 248, 201



119, 128, 127



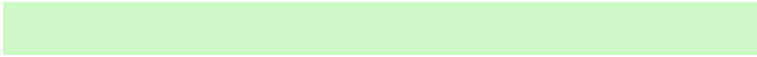
0, 0, 0



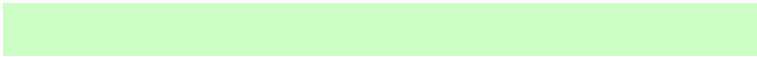
128, 128, 128

Same Dimension

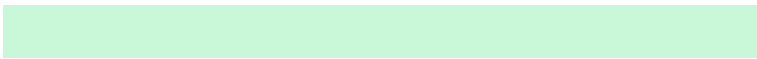
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 248, 242



196, 255, 247



201, 236, 248



112, 125, 123



0, 189, 165



0, 61, 53

Inverse Universe

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



242, 201, 248



248, 196, 255



248, 201, 231



123, 112, 125



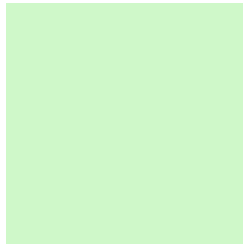
165, 0, 189



53, 0, 61

Previews

White Background



This preview shows how the RYB color 201, 248, 242 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, 248, 242 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

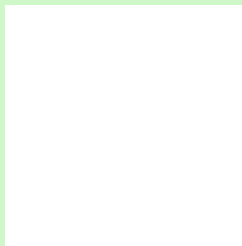
Any Text WCAG AAA ✓ Pass

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

RYB 201, 248, 242 Background



This preview shows how black text looks on a background with the RYB color 201, 248, 242.

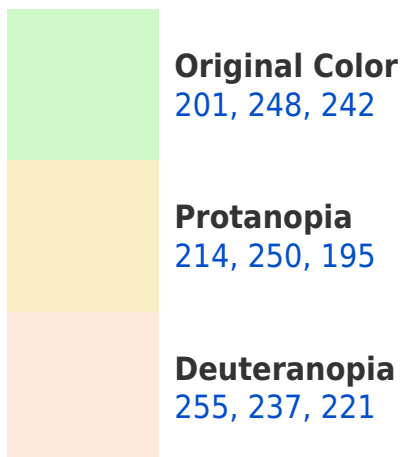


This preview shows how white text looks on a background with the RYB color 201, 248, 242.

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

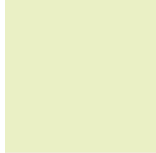
220, 232, 255

Trichromacy



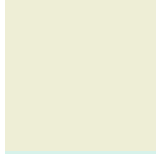
Original Color

201, 248, 242



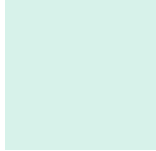
Protanomaly

197, 240, 203



Deuteranomaly

214, 238, 214



Tritanomaly

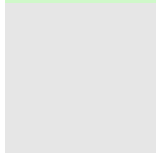
215, 231, 242

Monochromacy



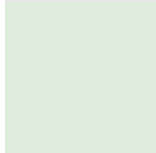
Original Color

201, 248, 242



Achromatopsia

230, 230, 230



Achromatomaly

219, 237, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 248, 242 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(207, 248, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 201)  
}
```

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(207, 248, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 201) }
```

Border

The CSS property to change the border of an element to RYB 201, 248, 242 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(207, 248, 201) }
```

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

```
.border{ border-color:rgb(207, 248, 201) }
```

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

Here you see how a box with a 4 pixel rgb(207, 248, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 207, 248, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 201) }
```

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

```
.background{ background-color: rgb(207,  
248, 201) }
```

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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