

Converting Colors

`RYB(198, 239, 238)`

Have a look what the booklet for RYB(198, 239, 238) contains.

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Color

R_YB(198, 239, 238)

Conversions

Conversions Part 1

Format	Color
Hex	C7EFC6
RGB	199, 239, 198
RGB Percent	78%, 94%, 78%
CMY	0.2196, 0.0627, 0.2235
CMYK	0.17, 0.00, 0.17, 0.06
HSL	119°, 56%, 86%
HSV	119°, 17%, 94%
XYZ	64.6127, 77.9523, 65.0669
YIQ	222.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

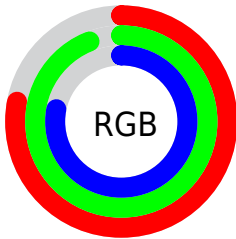
Format	Color
RYB	198, 239, 238
Decimal	13103046
CIELab	90.76, -20.53, 15.61
CIELCh	91, 25.784, 142.753
Yxy	77.9523, 0.3112, 0.3754
Android (android.graphics.Color)	4291293126 (0xFFC7EFC6)
YUV	222.3660, -12.0124, -20.4920
Hunter-Lab	88.2906, -23.8789, 18.1089

Details

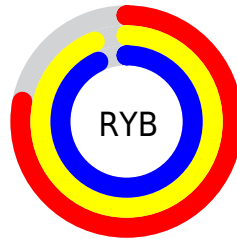
The RYB color **198, 239, 238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 198, 239**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 183, 182** is the 20% darker color. If you saturate the color by 10%, you get **174, 239, 237**, and if you desaturate by 10%, it is **222, 239, 239**.

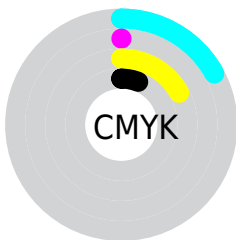
Distribution



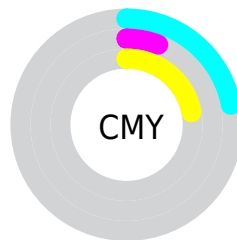
- Red (78%)
- Green (94%)
- Blue (78%)



- Red (78%)
- Yellow (94%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 239, 238 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 198, 239, 238 by changing the saturation by 10% instead.

 198, 239, 238


255, 255, 255


 198, 239, 238


 171, 211, 211


 144, 183, 182


 118, 156, 155

 93, 129, 130

 69, 104, 105

 46, 79, 80

 23, 54, 57

 0, 35, 33

 0, 5, 5

 198, 239, 238

 198, 239, 238

 174, 239, 237

 222, 239, 239

 150, 239, 237

 246, 239, 246

 126, 239, 236

 255, 239, 255

 102, 239, 235

 78, 239, 235

 55, 239, 235

 31, 239, 234

 7, 239, 234

 0, 239, 233

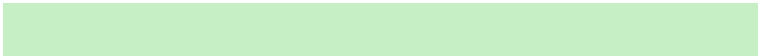
Harmonies

Analogous

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



183, 233, 189



198, 239, 238



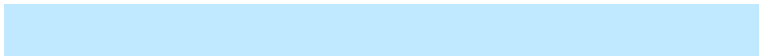
174, 214, 242

Triad

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



198, 239, 238



192, 217, 255



255, 212, 211

Complementary

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



198, 239, 238



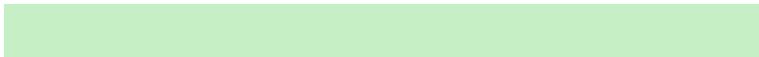
238, 198, 239

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, 212, 236



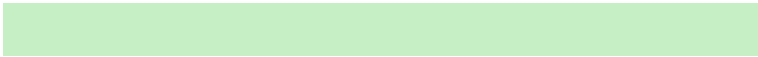
198, 239, 238



225, 224, 255

Square

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



198, 239, 238



167, 207, 255



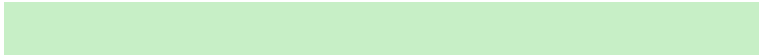
255, 216, 255



255, 236, 190

Rectangle

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



198, 239, 238



163, 204, 243



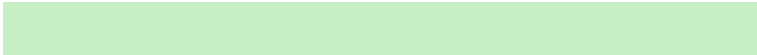
255, 216, 255



255, 211, 219

Sweetspot

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



198, 239, 238



242, 255, 254



199, 239, 198



120, 128, 128



0, 0, 0



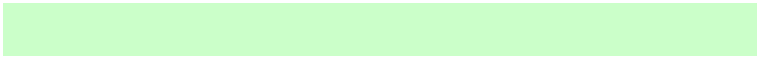
128, 128, 128

Same Dimension

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



198, 239, 238



201, 255, 253



198, 226, 239



108, 120, 120



0, 184, 180



0, 56, 55

Inverse Universe

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



238, 198, 239



254, 201, 255



239, 198, 220



120, 108, 120



179, 0, 184



55, 0, 56

Previews

White Background



This preview shows how the RYB color 198, 239, 238 looks on a white background.

Color Contrast Check

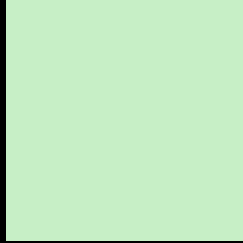
Large Text (above 18pt) WCAG AA × Fail

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 198, 239, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

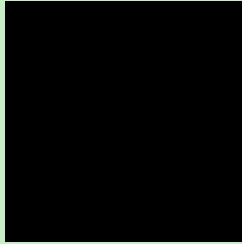
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

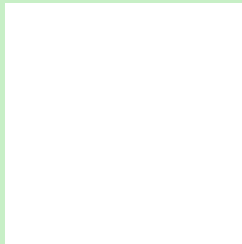
Any Text WCAG AAA ✓ Pass

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

RYB 198, 239, 238 Background



This preview shows how black text looks on a background with the RYB color 198, 239, 238.

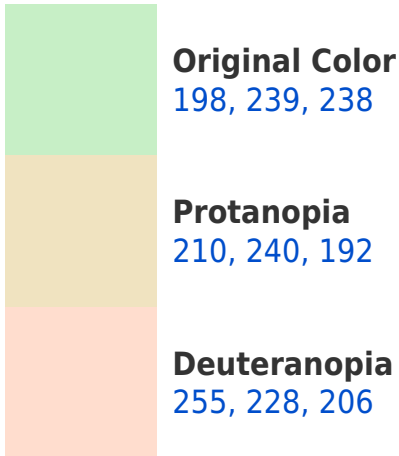


This preview shows how white text looks on a background with the RYB color 198, 239, 238.

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

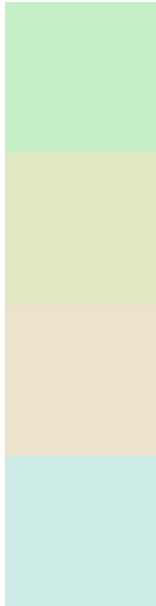




Tritanopia

208, 223, 250

Trichromacy



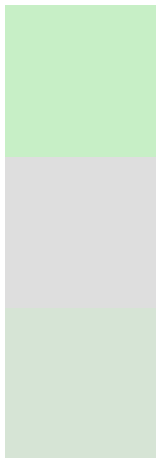
Original Color
198, 239, 238

Protanomaly
194, 231, 200

Deuteranomaly
212, 235, 203

Tritanomaly
205, 221, 235

Monochromacy



Original Color
198, 239, 238

Achromatopsia
222, 222, 222

Achromatomaly
213, 228, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 239, 238 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(199, 239, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 239, 198)  
}
```

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(199, 239, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 239, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 239, 238 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(199, 239, 198) }
```

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

```
.border{ border-color:rgb(199, 239, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 239, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 239, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 239, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 239,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 239, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 239, 198) }
```

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

```
.background{ background-color: rgb(199,  
239, 198) }
```

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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