

Converting Colors

`RYB(198, 236, 234)`

Have a look what the booklet for RYB(198, 236, 234) contains.

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Color

R_YB(198, 236, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C8ECC6
RGB	200, 236, 198
RGB Percent	78%, 93%, 78%
CMY	0.2157, 0.0745, 0.2235
CMYK	0.15, 0.00, 0.16, 0.07
HSL	117°, 50%, 85%
HSV	117°, 16%, 93%
XYZ	64.0079, 76.3475, 64.7890
YIQ	220.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

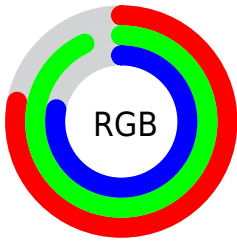
Format	Color
R _{YB}	198, 236, 234
Decimal	13167814
CIE Lab	90.02, -18.72, 14.57
CIE LCh	90, 23.725, 142.100
Yxy	76.3475, 0.3120, 0.3722
Android (android.graphics.Color)	4291357894 (0xFFC8ECC6)
YUV	220.9040, -11.2917, -18.3328
Hunter-Lab	87.3770, -22.1499, 17.2011

Details

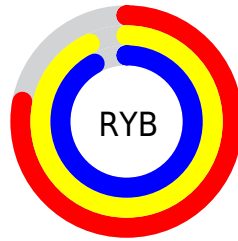
The RYB color **198, 236, 234** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 198, 236**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 180, 178** is the 20% darker color. If you saturate the color by 10%, you get **174, 236, 232**, and if you desaturate by 10%, it is **222, 236, 236**.

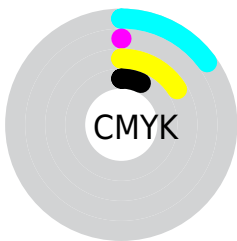
Distribution



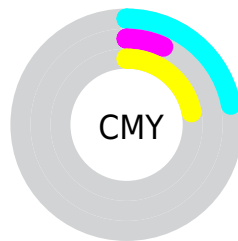
- Red (78%)
- Green (93%)
- Blue (78%)



- Red (78%)
- Yellow (93%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 236, 234 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, 236, 234 by changing the saturation by 10% instead.

 198, 236, 234


255, 255, 255


 198, 236, 234

 171, 208, 207


 144, 180, 178

 118, 153, 151

 94, 127, 126

 70, 102, 102

 47, 78, 78

 24, 53, 55

 0, 33, 29

 0, 0, 0

 198, 236, 234

 198, 236, 234

 174, 236, 232

 222, 236, 236

 151, 236, 232

 245, 236, 245

 127, 236, 230

 255, 236, 255

 104, 236, 229

 80, 236, 228

 56, 236, 226

 33, 236, 226

 9, 236, 224

 0, 236, 224

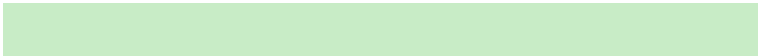
Harmonies

Analogous

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



184, 230, 188



198, 236, 234



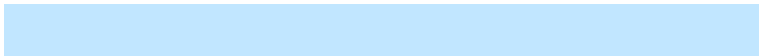
177, 214, 239

Triad

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



198, 236, 234



193, 216, 255



255, 211, 210

Complementary

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



198, 236, 234



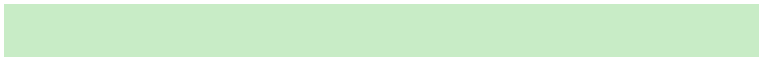
234, 198, 236

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, 211, 233



198, 236, 234



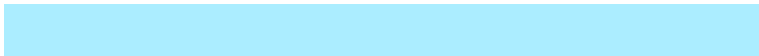
223, 223, 255

Square

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



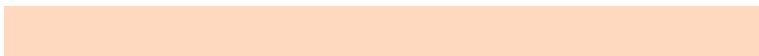
198, 236, 234



171, 208, 255



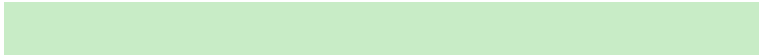
250, 215, 255



255, 231, 192

Rectangle

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



198, 236, 234



167, 205, 240



250, 215, 255



255, 211, 218

Sweetspot

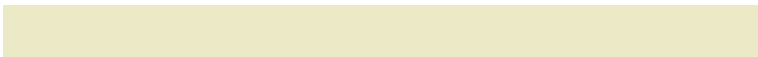
The Sweet Spot groups the original color and five complimentary colors.



198, 236, 234



242, 255, 254



201, 236, 198



120, 128, 128



0, 0, 0



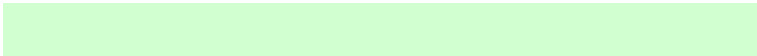
128, 128, 128

Same Dimension

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



198, 236, 234



207, 255, 253



198, 225, 236



106, 117, 117



0, 181, 171



0, 54, 51

Inverse Universe

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



234, 198, 236



252, 207, 255



236, 198, 220



117, 106, 117



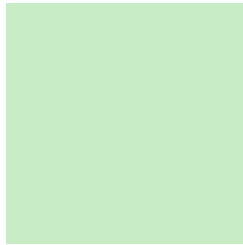
172, 0, 181



51, 0, 54

Previews

White Background



This preview shows how the RYB color 198, 236, 234 looks on a white background.

Color Contrast Check

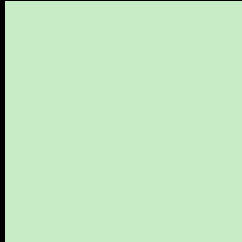
Large Text (above 18pt) WCAG AA × Fail

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, 236, 234 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

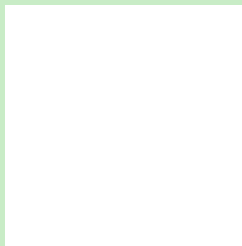
Any Text WCAG AAA ✓ Pass

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

RYB 198, 236, 234 Background



This preview shows how black text looks on a background with the RYB color 198, 236, 234.

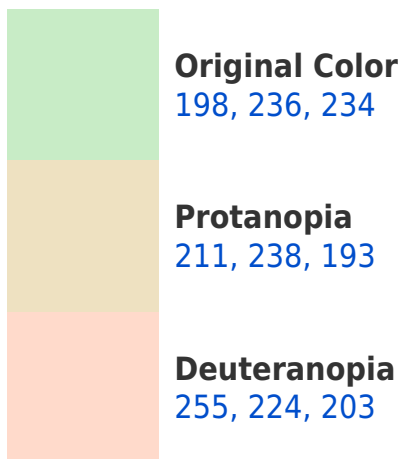


This preview shows how white text looks on a background with the RYB color 198, 236, 234.

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](#).

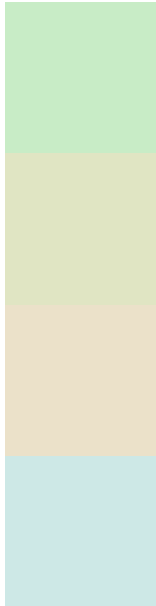
Dichromacy





Tritanopia
208, 222, 247

Trichromacy



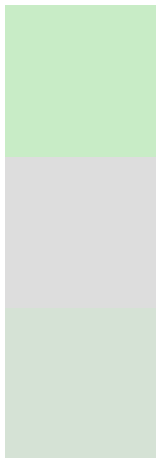
Original Color
198, 236, 234

Protanomaly
195, 229, 200

Deuteranomaly
215, 235, 201

Tritanomaly
205, 219, 232

Monochromacy



Original Color
198, 236, 234

Achromatopsia
221, 221, 221

Achromatomaly
213, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 236, 234 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(200, 236, 198)` looks like.

```
.text, #text, p{  
    color:rgb(200, 236, 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(200, 236, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 236, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 236, 234 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(200, 236, 198) }
```

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

```
.border{ border-color:rgb(200, 236, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 236, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 236, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 236, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 236,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 236, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 236, 198) }
```

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

```
.background{ background-color: rgb(200,  
236, 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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