

Converting Colors

`RYB(158, 237, 194)`

Have a look what the booklet for
RYB(158, 237, 194) contains.

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Color

R_YB(158, 237, 194)

Conversions

Conversions Part 1

Format	Color
Hex	C9ED9E
RGB	201, 237, 158
RGB Percent	79%, 93%, 62%
CMY	0.2118, 0.0706, 0.3804
CMYK	0.15, 0.00, 0.33, 0.07
HSL	87°, 69%, 77%
HSV	87°, 33%, 93%
XYZ	60.5431, 75.4545, 43.7210
YIQ	217.2300, 3.9030, -32.2010

Conversions

Conversions Part 2

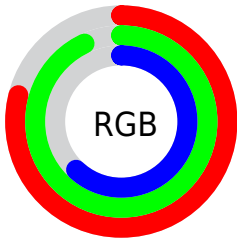
Format	Color
R _{YB}	158, 237, 194
Decimal	13233566
CIE Lab	89.61, -24.99, 34.53
CIE LCh	90, 42.621, 125.893
Yxy	75.4545, 0.3369, 0.4198
Android (android.graphics.Color)	4291423646 (0xFFC9ED9E)
YUV	217.2300, -29.2004, -14.2337
Hunter-Lab	86.8646, -27.6015, 30.9631

Details

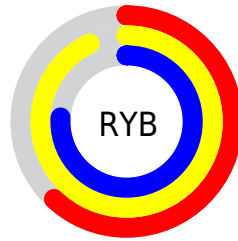
The RYB color **158, 237, 194** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **194, 158, 237**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **213, 255, 213**, and **106, 181, 141** is the 20% darker color. If you saturate the color by 10%, you get **134, 237, 181**, and if you desaturate by 10%, it is **182, 237, 207**.

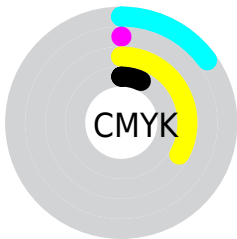
Distribution



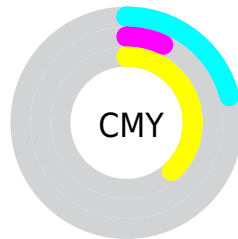
- Red (79%)
- Green (93%)
- Blue (62%)



- Red (62%)
- Yellow (93%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 237, 194 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 158, 237, 194 by changing the saturation by 10% instead.

 158, 237, 194

255, 255, 255


 213, 255, 213

 242, 255, 242

 158, 237, 194

 131, 209, 167

 106, 181, 141


 81, 154, 116

 56, 128, 90

 33, 103, 67

 7, 79, 42

 0, 55, 33

 0, 34, 34

 0, 0, 0

■ 158, 237, 194

■ 158, 237, 194

■ 134, 237, 181

■ 182, 237, 207

■ 111, 237, 169

■ 205, 237, 219

■ 87, 237, 155

■ 229, 237, 233

■ 63, 237, 142

■ 244, 237, 253

■ 40, 237, 130

■ 255, 237, 255

■ 16, 237, 117

■ 0, 237, 108

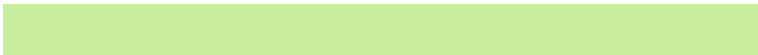
Harmonies

Analogous

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



169, 245, 144



158, 237, 194



152, 218, 245

Triad

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



158, 237, 194



116, 181, 255



255, 194, 219

Complementary

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



158, 237, 194



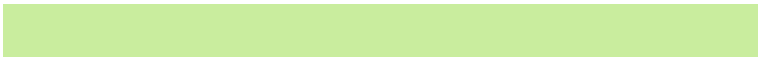
194, 158, 237

Split Complementary

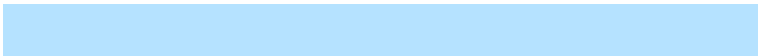
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



158, 237, 194



181, 209, 255

Square

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



158, 237, 194



76, 163, 255



241, 212, 255



255, 206, 179

Rectangle

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



158, 237, 194



118, 191, 247



241, 212, 255



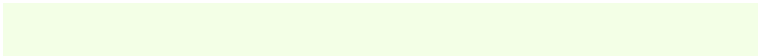
255, 195, 233

Sweetspot

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



158, 237, 194



230, 255, 242



237, 224, 158



112, 128, 119



0, 0, 0



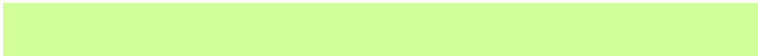
128, 128, 128

Same Dimension

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



158, 237, 194



153, 255, 199



158, 237, 233



106, 117, 111



0, 181, 82



0, 54, 25

Inverse Universe

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



194, 158, 237



199, 153, 255



233, 158, 237



111, 106, 117



83, 0, 181



24, 0, 54

Previews

White Background



This preview shows how the RYB color 158, 237, 194 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 158, 237, 194 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 158, 237, 194 Background



This preview shows how black text looks on a background with the RYB color 158, 237, 194.

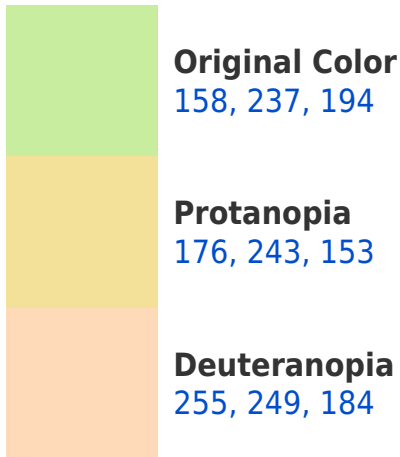


This preview shows how white text looks on a background with the RYB color 158, 237, 194.

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
213, 222, 244

Trichromacy



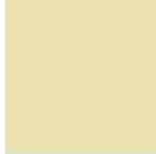
Original Color

158, 237, 194



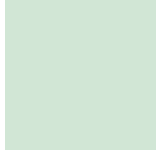
Protanomaly

155, 229, 156



Deuteranomaly

187, 235, 175



Tritanomaly

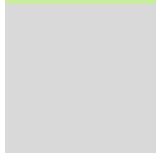
209, 227, 230

Monochromacy



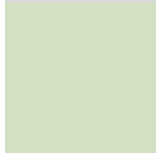
Original Color

158, 237, 194



Achromatopsia

217, 217, 217



Achromatomaly

196, 224, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 237, 194 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, 237, 158) looks like.

```
.text, #text, p{  
    color:rgb(201, 237, 158)  
}
```

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, 237, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 237, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 237, 194 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, 237, 158) }
```

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

```
.border{ border-color:rgb(201, 237, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 237, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 237, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 237, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 237,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 237, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 237, 158) }
```

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

```
.background{ background-color: rgb(201,  
237, 158) }
```

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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