

Converting Colors

`RYB(159, 249, 207)`

Have a look what the booklet for
RYB(159, 249, 207) contains.

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Color

R_YB(159, 249, 207)

Conversions

Conversions Part 1

Format	Color
Hex	C9F99F
RGB	201, 249, 159
RGB Percent	79%, 98%, 62%
CMY	0.2118, 0.0235, 0.3765
CMYK	0.19, 0.00, 0.36, 0.02
HSL	92°, 88%, 80%
HSV	92°, 36%, 98%
XYZ	64.2211, 82.6721, 45.3734
YIQ	224.3880, 0.2820, -38.1660

Conversions

Conversions Part 2

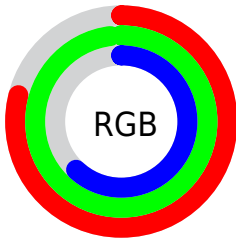
Format	Color
RYB	159, 249, 207
Decimal	13236639
CIELab	92.87, -30.52, 38.32
CIElCh	93, 48.991, 128.535
Yxy	82.6721, 0.3340, 0.4300
Android (android.graphics.Color)	4291426719 (0xFFC9F99F)
YUV	224.3880, -32.2363, -20.5113
Hunter-Lab	90.9242, -33.0402, 34.0598

Details

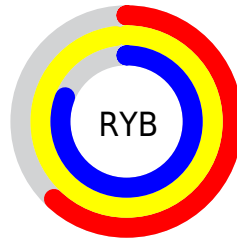
The RYB color **159, 249, 207** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **207, 159, 249**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **214, 255, 214**, and **106, 192, 152** is the 20% darker color. If you saturate the color by 10%, you get **134, 249, 195**, and if you desaturate by 10%, it is **184, 249, 219**.

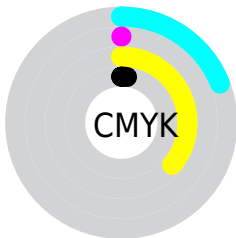
Distribution



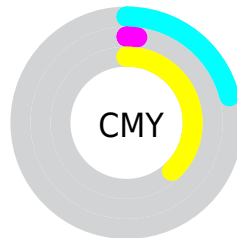
- Red (79%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (81%)



- Cyan (19%)
- Magenta (0%)
- Yellow (36%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 249, 207 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 159, 249, 207 by changing the saturation by 10% instead.

 159, 249, 207

255, 255, 255


 214, 255, 214


 243, 255, 243


 159, 249, 207

 132, 220, 179

 106, 192, 152

 81, 165, 127


 56, 139, 102

 32, 113, 78

 4, 88, 51

 0, 64, 48

 0, 42, 42

 0, 18, 18

■ 159, 249, 207

■ 159, 249, 207

■ 134, 249, 195

■ 184, 249, 219

■ 109, 249, 184

■ 209, 249, 230

■ 84, 249, 172

■ 234, 249, 242

■ 59, 249, 160

■ 254, 249, 255

■ 34, 249, 148

■ 255, 249, 255

■ 10, 249, 138

■ 0, 249, 133

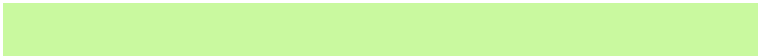
Harmonies

Analogous

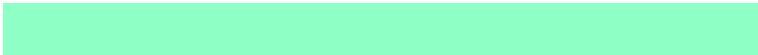
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159, 252, 140



159, 249, 207



142, 218, 255

Triad

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



159, 249, 207



102, 177, 255



255, 198, 223

Complementary

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



159, 249, 207



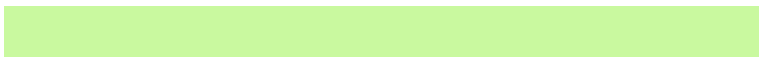
207, 159, 249

Split Complementary

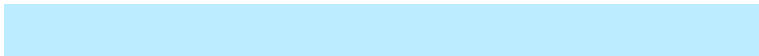
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



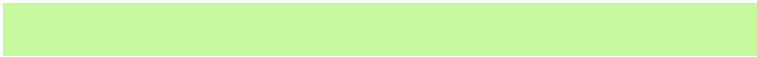
159, 249, 207



188, 216, 255

Square

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



159, 249, 207



0, 128, 255



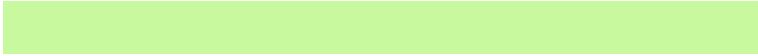
255, 217, 255



255, 220, 178

Rectangle

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



159, 249, 207



97, 182, 255



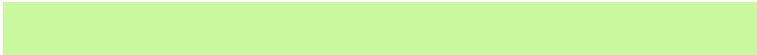
255, 217, 255



255, 198, 239

Sweetspot

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



159, 249, 207



227, 255, 242



238, 249, 159



111, 128, 120



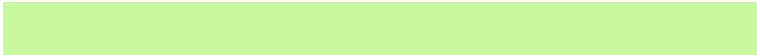
0, 0, 0



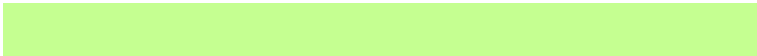
128, 128, 128

Same Dimension

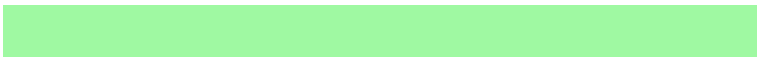
The Same Dimension uses a secret algorithm to generate beautiful new colors.



159, 249, 207



145, 255, 203



159, 246, 249



112, 125, 119



0, 189, 101



0, 61, 32

Inverse Universe

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



207, 159, 249



204, 145, 255



249, 159, 246



119, 112, 125



101, 0, 189



33, 0, 61

Previews

White Background



This preview shows how the RYB color 159, 249, 207 looks on a white background.

Color Contrast Check

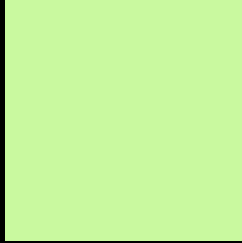
Large Text (above 18pt) WCAG AA × Fail

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 159, 249, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

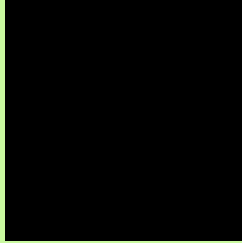
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

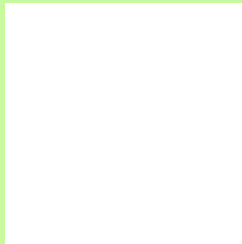
Any Text WCAG AAA ✓ Pass

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

RYB 159, 249, 207 Background



This preview shows how black text looks on a background with the RYB color 159, 249, 207.

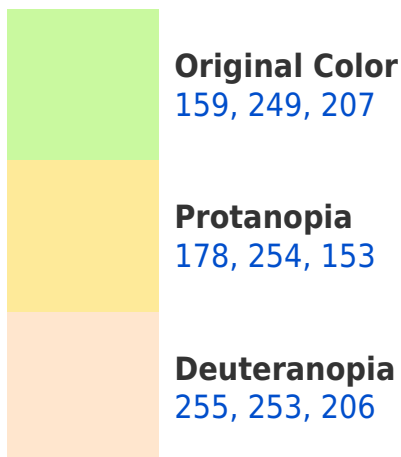


This preview shows how white text looks on a background with the RYB color 159, 249, 207.

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





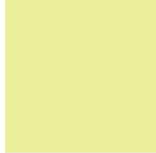
Tritanopia
216, 230, 255

Trichromacy



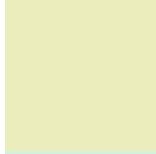
Original Color

159, 249, 207



Protanomaly

155, 239, 159



Deuteranomaly

189, 237, 191



Tritanomaly

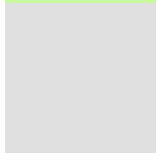
211, 234, 241

Monochromacy



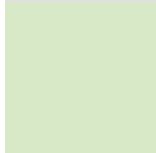
Original Color

159, 249, 207



Achromatopsia

224, 224, 224



Achromatomaly

200, 233, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 249, 207 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, 249, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 249, 159)  
}
```

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, 249, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 249, 207 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, 249, 159) }
```

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

```
.border{ border-color:rgb(201, 249, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 249, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 249, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 249, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 249,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 249, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 159) }
```

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

```
.background{ background-color: rgb(201,  
249, 159) }
```

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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