

Converting Colors

`RYB(151, 209, 248)`

Have a look what the booklet for
RYB(151, 209, 248) contains.

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Color

R_YB(151, 209, 248)

Conversions

Conversions Part 1

Format	Color
Hex	97F8D8
RGB	151, 248, 216
RGB Percent	59%, 97%, 85%
CMY	0.4078, 0.0275, 0.1521
CMYK	0.39, 0.00, 0.13, 0.03
HSL	160°, 87%, 78%
HSV	160°, 39%, 97%
XYZ	58.7536, 78.6836, 77.2086
YIQ	215.3490, -47.5400, -30.5160

Conversions

Conversions Part 2

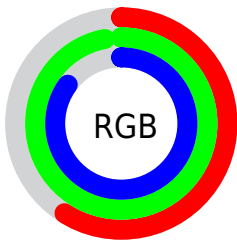
Format	Color
RYB	151, 209, 248
Decimal	9959640
CIELab	91.09, -35.67, 6.29
CIELCh	91, 36.223, 169.995
Yxy	78.6836, 0.2737, 0.3666
Android (android.graphics.Color)	4288149720 (0xFF97F8D8)
YUV	215.3490, 0.3209, -56.4341
Hunter-Lab	88.7038, -37.0008, 10.4861

Details

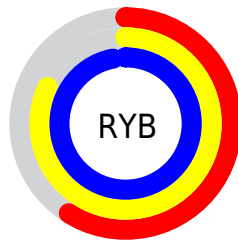
The RYB color **151, 209, 248** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **248, 151, 183**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **208, 232, 255**, and **95, 152, 191** is the 20% darker color. If you saturate the color by 10%, you get **126, 199, 248**, and if you desaturate by 10%, it is **176, 219, 248**.

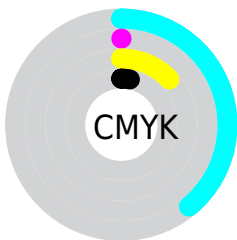
Distribution



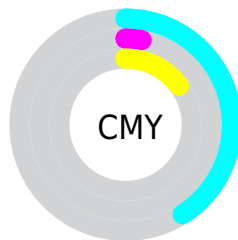
- Red (59%)
- Green (97%)
- Blue (85%)



- Red (59%)
- Yellow (82%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)




- Cyan (41%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 151, 209, 248 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 151, 209, 248 by changing the saturation by 10% instead.


 151, 209, 248

 151, 209, 248


255, 255, 255

 123, 180, 219

 208, 232, 255

 95, 152, 191

 238, 247, 255

 66, 124, 164

 33, 93, 137

 0, 63, 111

 0, 50, 86


 0, 37, 62

 0, 27, 40


 0, 7, 7

 151, 209, 248


 151, 209, 248

 126, 199, 248


 176, 219, 248

 101, 189, 248


 201, 229, 248

 77, 179, 248

 225, 239, 248

 52, 169, 248

 250, 248, 249

 27, 159, 248

 255, 248, 255

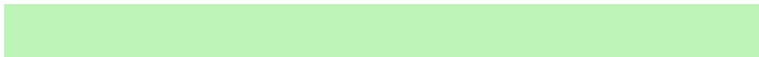
 2, 149, 248

 0, 148, 248

Harmonies

Analogous

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



184, 243, 237



151, 209, 248



123, 187, 252

Triad

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



151, 209, 248



218, 224, 255



255, 239, 178

Complementary

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



151, 209, 248



248, 151, 183

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, 205, 207



151, 209, 248



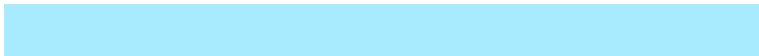
255, 213, 255

Square

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



151, 209, 248



168, 206, 255



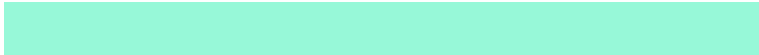
255, 205, 243



210, 255, 161

Rectangle

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



151, 209, 248



121, 186, 255



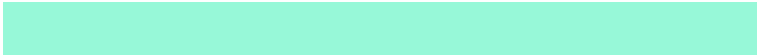
255, 205, 243



255, 221, 186

Sweetspot

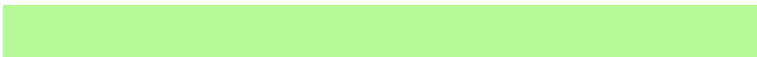
The Sweet Spot groups the original color and five complimentary colors.



151, 209, 248



224, 242, 255



151, 248, 216



110, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 209, 248



135, 207, 255



151, 195, 248



112, 120, 125



0, 113, 189



0, 36, 61

Inverse Universe

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



248, 151, 183



255, 135, 174



248, 170, 151



125, 112, 117



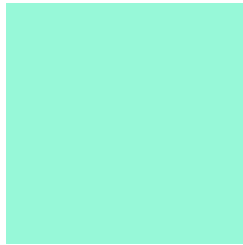
189, 0, 62



61, 0, 20

Previews

White Background



This preview shows how the RYB color 151, 209, 248 looks on a white background.

Color Contrast Check

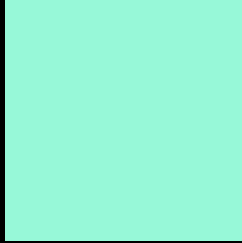
Large Text (above 18pt) WCAG AA × Fail

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 151, 209, 248 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 151, 209, 248 Background



This preview shows how black text looks on a background with the RYB color 151, 209, 248.

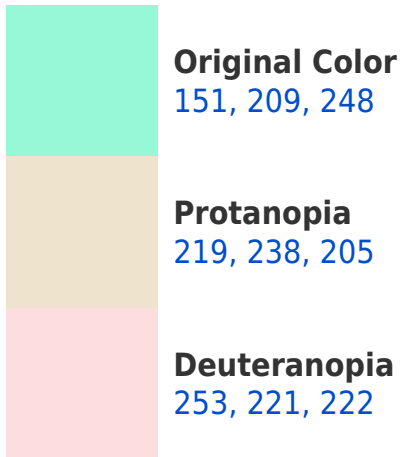


This preview shows how white text looks on a background with the RYB color 151, 209, 248.

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





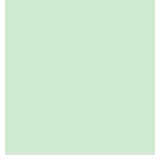
Tritanopia
177, 212, 255

Trichromacy



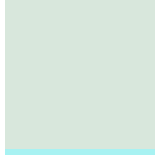
Original Color

151, 209, 248



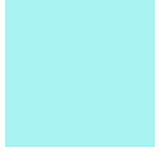
Protanomaly

206, 232, 235



Deuteranomaly

216, 228, 231



Tritanomaly

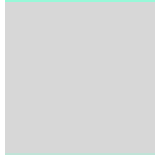
168, 205, 242

Monochromacy



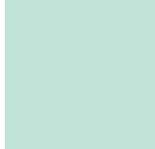
Original Color

151, 209, 248



Achromatopsia

215, 215, 215



Achromatomaly

192, 213, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 209, 248 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(151, 248, 216)` looks like.

```
.text, #text, p{  
    color:rgb(151, 248, 216)  
}
```

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(151, 248, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 248, 216) }
```

Border

The CSS property to change the border of an element to RYB 151, 209, 248 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(151, 248, 216) }
```

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

```
.border{ border-color:rgb(151, 248, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 248, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 248, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 248, 216);  
box-shadow:4px 4px 4px 4px rgb(151, 248,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 151, 209, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 248, 216) }
```

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

```
.background{ background-color: rgb(151,  
248, 216) }
```

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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