

Converting Colors

`RYB(131, 229, 209)`

Have a look what the booklet for
RYB(131, 229, 209) contains.

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Color

R_YB(131, 229, 209)

Conversions

Conversions Part 1

Format	Color
Hex	97E583
RGB	151, 229, 131
RGB Percent	59%, 90%, 51%
CMY	0.4078, 0.1020, 0.4863
CMYK	0.34, 0.00, 0.43, 0.10
HSL	108°, 65%, 71%
HSV	108°, 43%, 90%
XYZ	44.8785, 64.2566, 31.5102
YIQ	194.5060, -15.0300, -47.0140

Conversions

Conversions Part 2

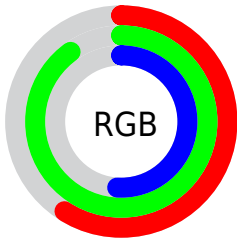
Format	Color
RYB	131, 229, 209
Decimal	9954691
CIELab	84.10, -42.12, 40.29
CIELCh	84, 58.287, 136.265
Yxy	64.2566, 0.3191, 0.4569
Android (android.graphics.Color)	4288144771 (0xFF97E583)
YUV	194.5060, -31.3085, -38.1548
Hunter-Lab	80.1602, -40.3453, 32.8059

Details

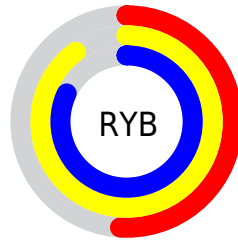
The RYB color **131, 229, 209** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **209, 131, 229**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **185, 255, 232**, and **80, 173, 157** is the 20% darker color. If you saturate the color by 10%, you get **108, 229, 204**, and if you desaturate by 10%, it is **154, 229, 214**.

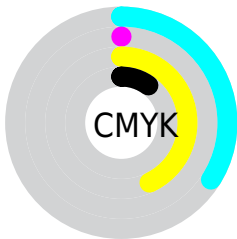
Distribution



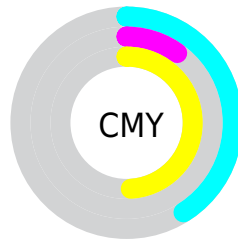
- Red (59%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)



- Cyan (41%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 229, 209 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 131, 229, 209 by changing the saturation by 10% instead.


 131, 229, 209

255, 255, 255


 185, 255, 232


 213, 255, 231


 242, 255, 242

 131, 229, 209

 105, 201, 183

 80, 173, 157

 55, 146, 133

 29, 120, 110

 0, 94, 94

 0, 70, 70

 0, 47, 47

 0, 23, 23

 0, 0, 0

 131, 229, 209

 131, 229, 209

 108, 229, 204

 154, 229, 214

 85, 229, 199

 177, 229, 219

 62, 229, 195

 200, 229, 223

 39, 229, 190

 223, 229, 228

 16, 229, 185

 242, 229, 245

 0, 229, 182

 255, 229, 255

Harmonies

Analogous

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



100, 216, 103



131, 229, 209



55, 161, 236

Triad

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



131, 229, 209



0, 119, 255



255, 165, 182

Complementary

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



131, 229, 209



209, 131, 229

Split Complementary

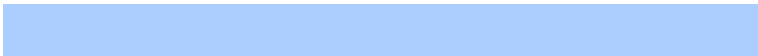
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 167, 237



131, 229, 209



172, 196, 255

Square

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



131, 229, 209



0, 122, 255



252, 184, 255



255, 204, 133

Rectangle

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



131, 229, 209



0, 124, 238



252, 184, 255



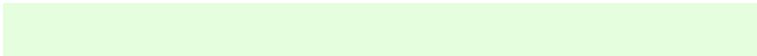
255, 163, 200

Sweetspot

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



131, 229, 209



222, 255, 248



158, 229, 131



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



131, 229, 209



125, 255, 229



131, 207, 229



103, 115, 112



0, 179, 143



0, 51, 41

Inverse Universe

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



209, 131, 229



228, 125, 255



229, 131, 201



112, 103, 115



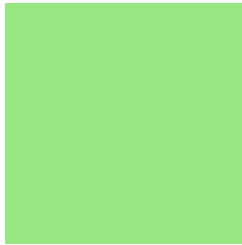
142, 0, 179



41, 0, 51

Previews

White Background



This preview shows how the RYB color 131, 229, 209 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 131, 229, 209 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 131, 229, 209 Background



This preview shows how black text looks on a background with the RYB color 131, 229, 209.

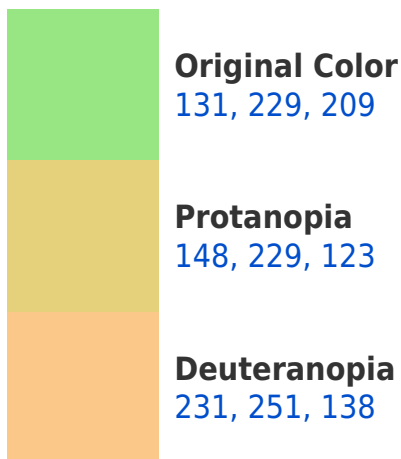


This preview shows how white text looks on a background with the RYB color 131, 229, 209.

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
169, 197, 234

Trichromacy



Original Color

131, 229, 209



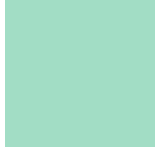
Protanomaly

126, 216, 141



Deuteranomaly

139, 215, 135



Tritanomaly

162, 199, 221

Monochromacy



Original Color

131, 229, 209



Achromatopsia

195, 195, 195



Achromatomaly

172, 207, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 229, 209 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, 229, 131)` looks like.

```
.text, #text, p{  
    color:rgb(151, 229, 131)  
}
```

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, 229, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 229, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 229, 209 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, 229, 131) }
```

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

```
.border{ border-color:rgb(151, 229, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 229, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 229, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 229, 131);  
box-shadow:4px 4px 4px 4px rgb(151, 229,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 229, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 229, 131) }
```

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

```
.background{ background-color: rgb(151,  
229, 131) }
```

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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