

Converting Colors

`RYB(131, 179, 206)`

Have a look what the booklet for
RYB(131, 179, 206) contains.

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Color

R_YB(131, 179, 206)

Conversions

Conversions Part 1

Format	Color
Hex	83CEAD
RGB	131, 206, 173
RGB Percent	51%, 81%, 68%
CMY	0.4863, 0.1922, 0.3208
CMYK	0.36, 0.00, 0.16, 0.19
HSL	154°, 43%, 66%
HSV	154°, 36%, 81%
XYZ	38.9924, 51.9923, 47.6108
YIQ	179.8130, -34.1070, -26.1630

Conversions

Conversions Part 2

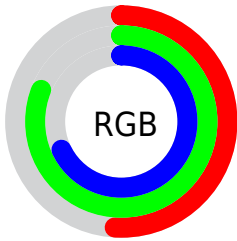
Format	Color
RYB	131, 179, 206
Decimal	8638125
CIELab	77.28, -30.53, 9.02
CIELCh	77, 31.836, 163.543
Yxy	51.9923, 0.2813, 0.3751
Android (android.graphics.Color)	4286828205 (0xFF83CEAD)
YUV	179.8130, -3.3588, -42.8090
Hunter-Lab	72.1057, -29.6581, 11.3253

Details

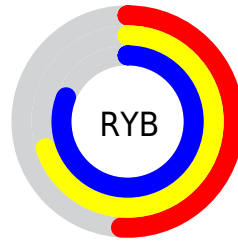
The RYB color **131, 179, 206** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **206, 131, 164**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **186, 229, 255**, and **78, 124, 151** is the 20% darker color. If you saturate the color by 10%, you get **110, 171, 206**, and if you desaturate by 10%, it is **152, 187, 206**.

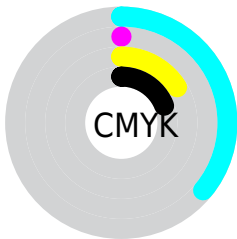
Distribution



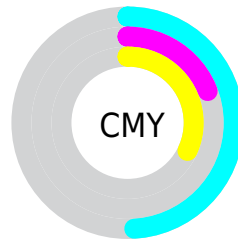
- Red (51%)
- Green (81%)
- Blue (68%)



- Red (51%)
- Yellow (70%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)




- Cyan (49%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 179, 206 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, 179, 206 by changing the saturation by 10% instead.


 131, 179, 206


255, 255, 255


 186, 229, 255


 215, 235, 255


 244, 250, 255

 131, 179, 206


 104, 151, 178

 78, 124, 151

 51, 97, 125

 20, 68, 100


 0, 45, 75

 0, 33, 52

 0, 30, 33


 0, 0, 0


 131, 179, 206


 131, 179, 206

 110, 171, 206


 152, 187, 206

 90, 164, 206

 172, 194, 206

 69, 157, 206

 193, 201, 206

 49, 150, 206


 213, 206, 209

 28, 142, 206

 234, 206, 218

 7, 134, 206

 255, 206, 227

 0, 132, 206

 255, 206, 236

 255, 206, 245

 255, 206, 254

Harmonies

Analogous

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



147, 201, 183



131, 179, 206



103, 156, 207

Triad

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



131, 179, 206



172, 186, 248



245, 181, 152

Complementary

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



131, 179, 206



206, 131, 164

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.



250, 169, 178



131, 179, 206



212, 179, 234

Square

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



131, 179, 206



129, 173, 247



239, 171, 208



217, 226, 135

Rectangle

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



131, 179, 206



97, 155, 222



239, 171, 208



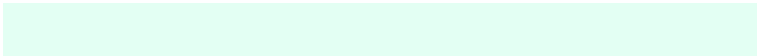
248, 174, 160

Sweetspot

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



131, 179, 206



227, 245, 255



131, 206, 172



111, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 179, 206



143, 215, 255



131, 167, 206



92, 98, 102



0, 106, 166



0, 24, 38

Inverse Universe

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



206, 131, 164



255, 143, 192



206, 135, 131



102, 92, 96



166, 0, 73



38, 0, 17

Previews

White Background



This preview shows how the RYB color 131, 179, 206 looks on a white background.

Color Contrast Check

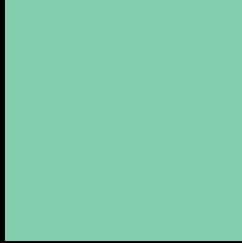
Large Text (above 18pt) WCAG AA × Fail

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, 179, 206 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, 179, 206 Background



This preview shows how black text looks on a background with the RYB color 131, 179, 206.

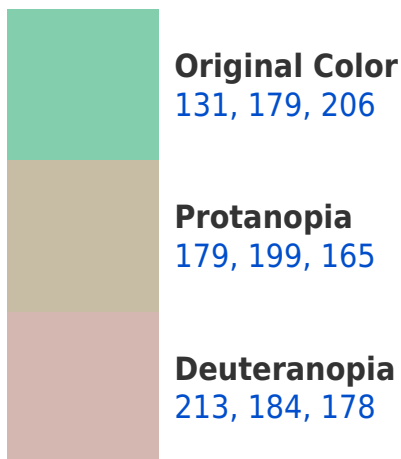


This preview shows how white text looks on a background with the RYB color 131, 179, 206.

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
141, 174, 216

Trichromacy



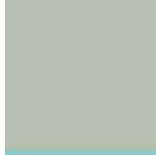
Original Color

131, 179, 206



Protanomaly

168, 195, 189



Deuteranomaly

176, 191, 184



Tritanomaly

137, 170, 202

Monochromacy



Original Color

131, 179, 206



Achromatopsia

180, 180, 180



Achromatomaly

162, 179, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 179, 206 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(131, 206, 173)` looks like.

```
.text, #text, p{  
    color:rgb(131, 206, 173)  
}
```

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(131, 206, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 206, 173) }
```

Border

The CSS property to change the border of an element to RYB 131, 179, 206 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(131, 206, 173) }
```

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

```
.border{ border-color:rgb(131, 206, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 206, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 206, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 206, 173); box-shadow:4px 4px 4px 4px rgb(131, 206, 173) }
```

Background

The CSS property to change the background color of an element to RYB 131, 179, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 206, 173) }
```

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

```
.background{ background-color: rgb(131,  
206, 173) }
```

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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