

Converting Colors

RGB(131, 206, 172)

Have a look what the booklet for
RGB(131, 206, 172) contains.

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Color

RGB(131, 206, 172)

Conversions

Conversions Part 1

Format	Color
Hex	83CEAC
RGB	131, 206, 172
RGB Percent	51%, 81%, 67%
CMY	0.4863, 0.1922, 0.3255
CMYK	0.36, 0.00, 0.17, 0.19
HSL	153°, 43%, 66%
HSV	153°, 36%, 81%
XYZ	38.8778, 51.9465, 47.0073
YIQ	179.6990, -33.7860, -26.4740

Conversions

Conversions Part 2

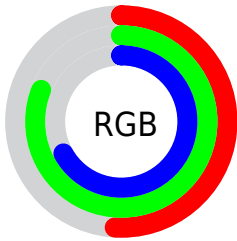
Format	Color
RYB	131, 179, 206
Decimal	8638124
CIELab	77.25, -30.78, 9.62
CIELCh	77, 32.245, 162.650
Yxy	51.9465, 0.2821, 0.3769
Android (android.graphics.Color)	4286828204 (0xFF83CEAC)
YUV	179.6990, -3.7956, -42.7090
Hunter-Lab	72.0739, -29.8437, 11.7822

Details

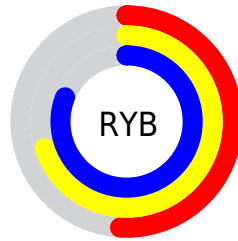
The RGB color **131, 206, 172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **206, 131, 165**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **186, 255, 227**, and **78, 151, 120** is the 20% darker color. If you saturate the color by 10%, you get **110, 206, 163**, and if you desaturate by 10%, it is **152, 206, 181**.

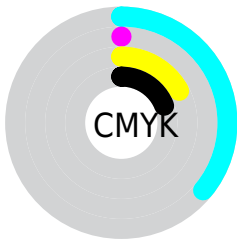
Distribution



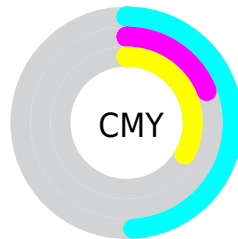
- Red (51%)
- Green (81%)
- Blue (67%)



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



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 206, 172 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 RGB color 131, 206, 172 by changing the saturation by 10% instead.

 131, 206, 172


255, 255, 255


 186, 255, 227


 215, 255, 255


 244, 255, 255

 131, 206, 172

 104, 178, 145

 78, 151, 120

 51, 125, 95

 20, 100, 71

 0, 75, 49

 0, 52, 28

 0, 33, 2

 0, 0, 0

 131, 206, 172

 131, 206, 172

 110, 206, 163

 152, 206, 181

 90, 206, 153

 172, 206, 191

 69, 206, 144

 193, 206, 200

 49, 206, 135

 213, 206, 209

 28, 206, 125

 234, 206, 219

 7, 206, 116

 255, 206, 228

 0, 206, 113

 255, 206, 237

 255, 206, 247

 255, 206, 255

Harmonies

Analogous

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



166, 201, 146



131, 206, 172



102, 207, 203

Triad

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



131, 206, 172



171, 189, 249



246, 174, 152

Complementary

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



131, 206, 172



206, 131, 165

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.



251, 169, 179



131, 206, 172



211, 179, 235

Square

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



131, 206, 172



127, 199, 247



239, 171, 209



227, 183, 134

Rectangle

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



131, 206, 172



95, 206, 222



239, 171, 209



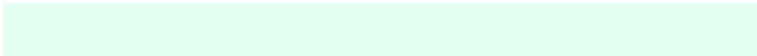
249, 171, 160

Sweetspot

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



131, 206, 172



227, 255, 242



166, 206, 131



111, 128, 120



0, 0, 0



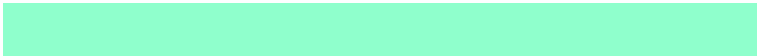
128, 128, 128

Same Dimension

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



131, 206, 172



143, 255, 204



131, 204, 206



92, 102, 97



0, 166, 91



0, 38, 21

Inverse Universe

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



206, 131, 165



255, 143, 194



206, 134, 131



102, 92, 96



166, 0, 75



38, 0, 17

Previews

White Background



This preview shows how the RGB color 131, 206, 172 looks on a white background.

Color Contrast Check

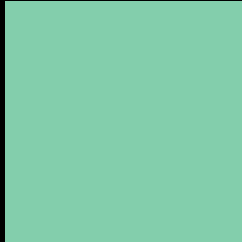
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 131, 206, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

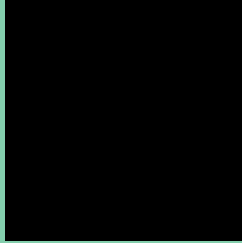
Any Text WCAG AA ✓ Pass

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](#).

RGB 131, 206, 172 Background



This preview shows how black text looks on a background with the RGB color 131, 206, 172.

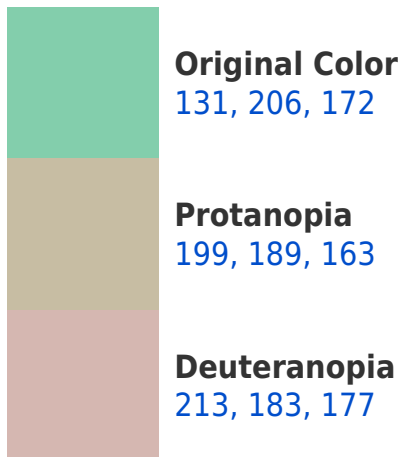


This preview shows how white text looks on a background with the RGB color 131, 206, 172.

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, 200, 216

Trichromacy



Original Color

131, 206, 172



Protanomaly

174, 195, 166



Deuteranomaly

183, 191, 175



Tritanomaly

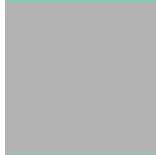
137, 202, 200

Monochromacy



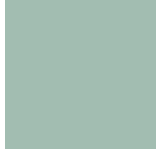
Original Color

131, 206, 172



Achromatopsia

180, 180, 180



Achromatomaly

162, 189, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 206, 172 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(131, 206, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 206, 172) }
```

Border

The CSS property to change the border of an element to RGB 131, 206, 172 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, 172) }
```

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

```
.border{ border-color:rgb(131, 206, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 206, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 206, 172);  
box-shadow:4px 4px 4px 4px rgb(131, 206,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 131, 206, 172 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, 172) }
```

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

```
.background{ background-color: rgb(131,  
206, 172) }
```

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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