

Converting Colors

RGB(131, 199, 157)

Have a look what the booklet for
RGB(131, 199, 157) contains.

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Color

RGB(131, 199, 157)

Conversions

Conversions Part 1

Format	Color
Hex	83C79D
RGB	131, 199, 157
RGB Percent	51%, 78%, 62%
CMY	0.4863, 0.2196, 0.3843
CMYK	0.34, 0.00, 0.21, 0.22
HSL	143°, 38%, 65%
HSV	143°, 34%, 78%
XYZ	35.8693, 48.1065, 39.2933
YIQ	173.8800, -27.0460, -27.4780

Conversions

Conversions Part 2

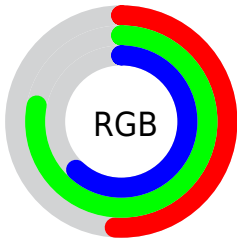
Format	Color
RYB	131, 180, 199
Decimal	8636317
CIELab	74.89, -30.45, 14.32
CIELCh	75, 33.650, 154.815
Yxy	48.1065, 0.2910, 0.3903
Android (android.graphics.Color)	4286826397 (0xFF83C79D)
YUV	173.8800, -8.3218, -37.6058
Hunter-Lab	69.3588, -29.0657, 14.9621

Details

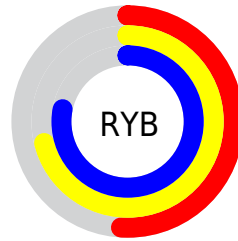
The RGB color **131, 199, 157** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 131, 173**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **186, 255, 212**, and **78, 145, 106** is the 20% darker color. If you saturate the color by 10%, you get **111, 199, 145**, and if you desaturate by 10%, it is **151, 199, 169**.

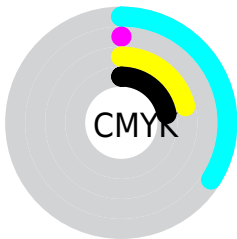
Distribution



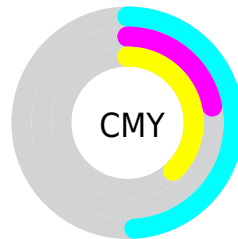
- Red (51%)
- Green (78%)
- Blue (62%)



- Red (51%)
- Yellow (71%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)




- Cyan (49%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 199, 157 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, 199, 157 by changing the saturation by 10% instead.


 131, 199, 157


255, 255, 255


 186, 255, 212


 214, 255, 240

 243, 255, 255

 131, 199, 157

 104, 171, 131

 78, 145, 106

 52, 119, 81


 25, 94, 58


 0, 69, 36


 0, 46, 16


 0, 26, 0


 0, 0, 0


 131, 199, 157


 131, 199, 157


 111, 199, 145


 151, 199, 169


 91, 199, 132


 171, 199, 182


 71, 199, 120


 191, 199, 194


 51, 199, 108


 211, 199, 206

 31, 199, 96

 231, 199, 218

 12, 199, 83

 250, 199, 231

 0, 199, 76

 255, 199, 243

 255, 199, 255

Harmonies

Analogous

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



167, 193, 133



131, 199, 157



96, 201, 188

Triad

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



131, 199, 157



151, 186, 246



244, 164, 150

Complementary

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



131, 199, 157



199, 131, 173

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.



244, 161, 180



131, 199, 157



195, 175, 235

Square

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



131, 199, 157



105, 195, 240



228, 165, 211



228, 173, 129

Rectangle

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



131, 199, 157



82, 201, 209



228, 165, 211



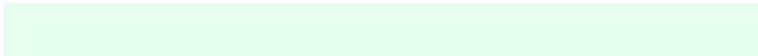
246, 163, 160

Sweetspot

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



131, 199, 157



230, 255, 239



174, 199, 131



112, 128, 118



0, 0, 0



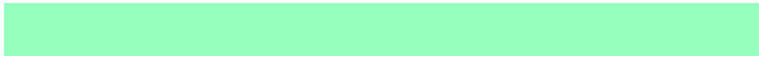
128, 128, 128

Same Dimension

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



131, 199, 157



150, 255, 190



131, 199, 190



90, 99, 93



0, 163, 62



0, 36, 14

Inverse Universe

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



199, 131, 173



255, 150, 215



199, 131, 140



99, 90, 96



163, 0, 101



36, 0, 22

Previews

White Background



This preview shows how the RGB color 131, 199, 157 looks on a white background.

Color Contrast Check

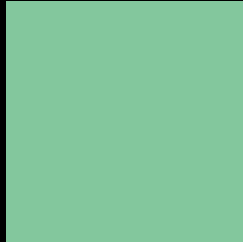
Large Text (above 18pt) WCAG AA × Fail

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, 199, 157 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, 199, 157 Background



This preview shows how black text looks on a background with the RGB color 131, 199, 157.

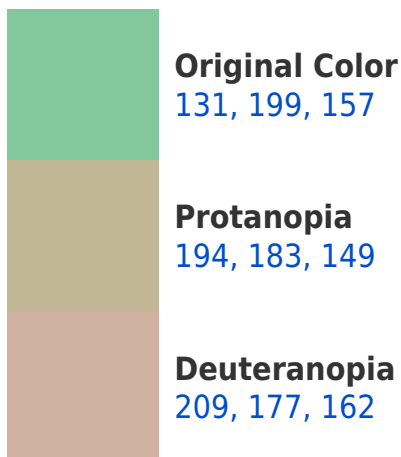


This preview shows how white text looks on a background with the RGB color 131, 199, 157.

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
142, 192, 208

Trichromacy



Original Color

131, 199, 157



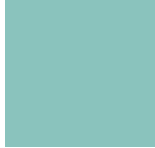
Protanomaly

171, 189, 152



Deuteranomaly

181, 185, 160



Tritanomaly

138, 195, 189

Monochromacy



Original Color

131, 199, 157



Achromatopsia

174, 174, 174



Achromatomaly

158, 183, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 199, 157 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, 199, 157)` looks like.

```
.text, #text, p{  
    color:rgb(131, 199, 157)  
}
```

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, 199, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 199, 157) }
```

Border

The CSS property to change the border of an element to RGB 131, 199, 157 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, 199, 157) }
```

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

```
.border{ border-color:rgb(131, 199, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 199, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 199, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 199, 157); box-shadow:4px 4px 4px 4px rgb(131, 199, 157) }
```

Background

The CSS property to change the background color of an element to RGB 131, 199, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 199, 157) }
```

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

```
.background{ background-color: rgb(131,  
199, 157) }
```

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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