

Converting Colors

RGB(131, 201, 171)

Have a look what the booklet for
RGB(131, 201, 171) contains.

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Color

RGB(131, 201, 171)

Conversions

Conversions Part 1

Format	Color
Hex	83C9AB
RGB	131, 201, 171
RGB Percent	51%, 79%, 67%
CMY	0.4863, 0.2118, 0.3294
CMYK	0.35, 0.00, 0.15, 0.21
HSL	154°, 39%, 65%
HSV	154°, 35%, 79%
XYZ	37.5974, 49.5389, 46.1084
YIQ	176.6500, -32.0900, -24.1700

Conversions

Conversions Part 2

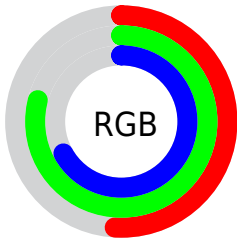
Format	Color
RYB	131, 176, 201
Decimal	8636843
CIELab	75.79, -28.59, 8.06
CIElCh	76, 29.704, 164.252
Yxy	49.5389, 0.2822, 0.3718
Android (android.graphics.Color)	4286826923 (0xFF83C9AB)
YUV	176.6500, -2.7855, -40.0351
Hunter-Lab	70.3838, -27.8212, 10.4278

Details

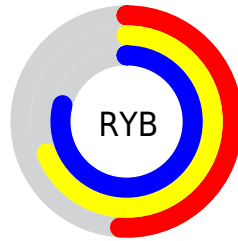
The RGB color **131, 201, 171** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 131, 161**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **186, 255, 226**, and **78, 147, 119** is the 20% darker color. If you saturate the color by 10%, you get **111, 201, 162**, and if you desaturate by 10%, it is **151, 201, 180**.

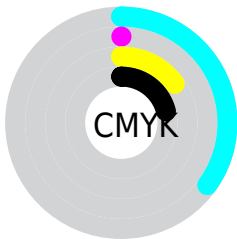
Distribution



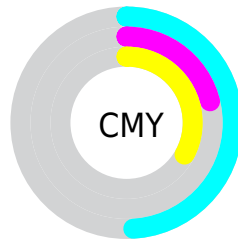
- Red (51%)
- Green (79%)
- Blue (67%)



- Red (51%)
- Yellow (69%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 201, 171 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, 201, 171 by changing the saturation by 10% instead.

 131, 201, 171


255, 255, 255


 186, 255, 226


 214, 255, 255


 243, 255, 255

 131, 201, 171

 104, 173, 144

 78, 147, 119

 52, 121, 94

 23, 95, 70

 0, 71, 48

 0, 48, 27

 0, 29, 0

 0, 0, 0


 131, 201, 171

 131, 201, 171

 111, 201, 162

 151, 201, 180

 91, 201, 154

 171, 201, 188

 71, 201, 145

 191, 201, 197

 51, 201, 137

 211, 201, 205

 31, 201, 128

 232, 201, 214

 10, 201, 119

 252, 201, 223

 0, 201, 115

 255, 201, 231

 255, 201, 240

 255, 201, 249

Harmonies

Analogous

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



162, 197, 147



131, 201, 171



107, 202, 199

Triad

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



131, 201, 171



171, 185, 240



237, 172, 150

Complementary

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



131, 201, 171



201, 131, 161

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.



242, 167, 175



131, 201, 171



207, 175, 226

Square

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



131, 201, 171



132, 194, 239



232, 168, 202



219, 180, 135

Rectangle

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



131, 201, 171



102, 201, 217



232, 168, 202



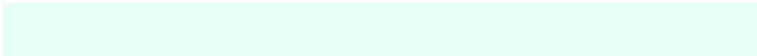
240, 169, 157

Sweetspot

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



131, 201, 171



230, 255, 244



161, 201, 131



112, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



131, 201, 171



148, 255, 209



131, 196, 201



90, 99, 95



0, 163, 93



0, 36, 20

Inverse Universe

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



201, 131, 161



255, 148, 194



201, 136, 131



99, 90, 94



163, 0, 70



36, 0, 15

Previews

White Background



This preview shows how the RGB color 131, 201, 171 looks on a white background.

Color Contrast Check

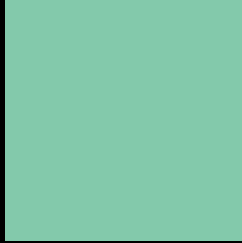
Large Text (above 18pt) WCAG AA × Fail

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, 201, 171 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, 201, 171 Background



This preview shows how black text looks on a background with the RGB color 131, 201, 171.

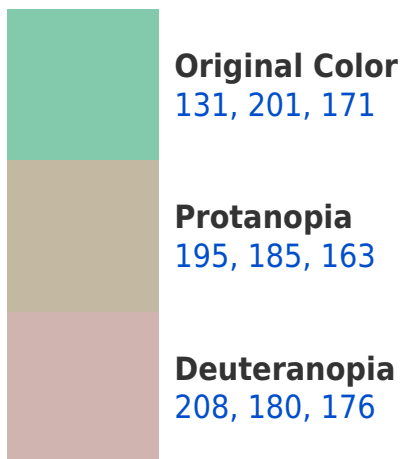


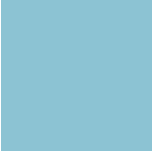
This preview shows how white text looks on a background with the RGB color 131, 201, 171.

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
140, 195, 211

Trichromacy



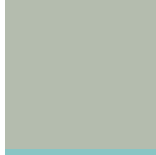
Original Color

131, 201, 171



Protanomaly

172, 191, 166



Deuteranomaly

180, 188, 174



Tritanomaly

137, 197, 196

Monochromacy



Original Color

131, 201, 171



Achromatopsia

177, 177, 177



Achromatomaly

160, 186, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 201, 171 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, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(131, 201, 171)  
}
```

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, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 201, 171) }
```

Border

The CSS property to change the border of an element to RGB 131, 201, 171 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, 201, 171) }
```

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

```
.border{ border-color:rgb(131, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(131, 201,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 131, 201, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 201, 171) }
```

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

```
.background{ background-color: rgb(131,  
201, 171) }
```

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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