

Converting Colors

RGB(131, 201, 183)

Have a look what the booklet for
RGB(131, 201, 183) contains.

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Color

RGB(131, 201, 183)

Conversions

Conversions Part 1

Format	Color
Hex	83C9B7
RGB	131, 201, 183
RGB Percent	51%, 79%, 72%
CMY	0.4863, 0.2118, 0.2824
CMYK	0.35, 0.00, 0.09, 0.21
HSL	165°, 39%, 65%
HSV	165°, 35%, 79%
XYZ	38.7940, 50.0175, 52.4094
YIQ	178.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

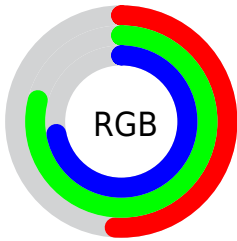
Format	Color
RYB	131, 171, 201
Decimal	8636855
CIELab	76.08, -26.01, 2.02
CIELCh	76, 26.085, 175.562
Yxy	50.0175, 0.2747, 0.3542
Android (android.graphics.Color)	4286826935 (0xFF83C9B7)
YUV	178.0180, 2.4561, -41.2348
Hunter-Lab	70.7230, -25.8521, 5.5692

Details

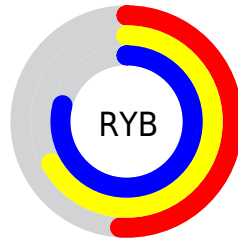
The RGB color **131, 201, 183** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **201, 131, 149**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **186, 255, 239**, and **78, 147, 130** is the 20% darker color. If you saturate the color by 10%, you get **111, 201, 178**, and if you desaturate by 10%, it is **151, 201, 188**.

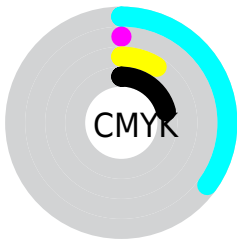
Distribution



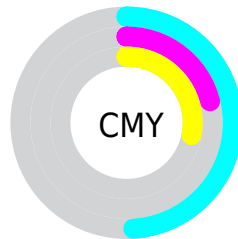
- Red (51%)
- Green (79%)
- Blue (72%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 201, 183 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, 183 by changing the saturation by 10% instead.

 131, 201, 183


255, 255, 255

 186, 255, 239


 215, 255, 255


 244, 255, 255

 131, 201, 183

 104, 173, 156

 78, 147, 130

 51, 121, 105

 21, 96, 81

 0, 71, 58

 0, 48, 36

 0, 30, 15

 0, 0, 0


 131, 201, 183

 131, 201, 183


 111, 201, 178

 151, 201, 188

 91, 201, 173

 171, 201, 193

 71, 201, 167

 191, 201, 199

 51, 201, 162

 211, 201, 204

 31, 201, 157

 232, 201, 209

 10, 201, 152

 252, 201, 214

 0, 201, 149

 255, 201, 219

 255, 201, 224

 255, 201, 230

Harmonies

Analogous

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



156, 198, 160



131, 201, 183



118, 201, 207

Triad

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



131, 201, 183



187, 183, 231



228, 177, 149

Complementary

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



131, 201, 183



201, 131, 149

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.



237, 171, 168



131, 201, 183



215, 175, 215

Square

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



131, 201, 183



153, 191, 235



233, 170, 192



209, 185, 140

Rectangle

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



131, 201, 183



121, 199, 221



233, 170, 192



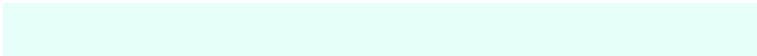
232, 175, 154

Sweetspot

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



131, 201, 183



230, 255, 248



150, 201, 131



112, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



131, 201, 183



148, 255, 227



131, 185, 201



90, 99, 97



0, 163, 121



0, 36, 27

Inverse Universe

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



201, 131, 149



255, 148, 175



201, 147, 131



99, 90, 92



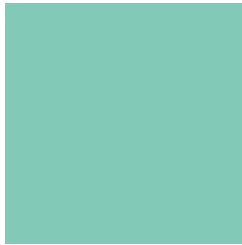
163, 0, 42



36, 0, 9

Previews

White Background



This preview shows how the RGB color 131, 201, 183 looks on a white background.

Color Contrast Check

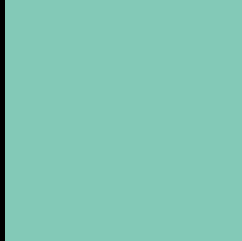
Large Text (above 18pt) WCAG AA × Fail

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, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

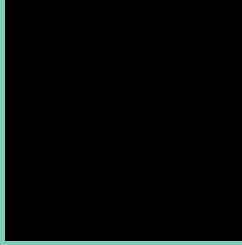
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

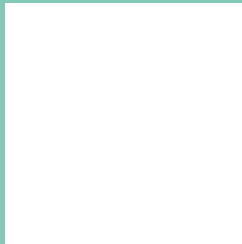
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 131, 201, 183 Background



This preview shows how black text looks on a background with the RGB color 131, 201, 183.

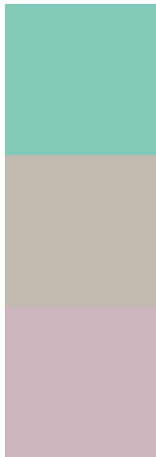


This preview shows how white text looks on a background with the RGB color 131, 201, 183.

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



Original Color
131, 201, 183

Protanopia
193, 186, 175

Deuteranopia
204, 181, 187



Tritanopia
138, 197, 212

Trichromacy



Original Color
131, 201, 183

Protanomaly
170, 191, 178

Deuteranomaly
177, 188, 186

Tritanomaly
135, 198, 201

Monochromacy



Original Color
131, 201, 183

Achromatopsia
178, 178, 178

Achromatomaly
161, 186, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 201, 183 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(131, 201, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 201, 183) }
```

Border

The CSS property to change the border of an element to RGB 131, 201, 183 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, 183) }
```

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

```
.border{ border-color:rgb(131, 201, 183) }
```

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, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(131, 201,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 131, 201, 183 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, 183) }
```

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

```
.background{ background-color: rgb(131,  
201, 183) }
```

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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