

Converting Colors

RGB(131, 189, 177)

Have a look what the booklet for
RGB(131, 189, 177) contains.

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Color

RGB(131, 189, 177)

Conversions

Conversions Part 1

Format	Color
Hex	83BDB1
RGB	131, 189, 177
RGB Percent	51%, 74%, 69%
CMY	0.4863, 0.2588, 0.3059
CMYK	0.31, 0.00, 0.06, 0.26
HSL	168°, 31%, 63%
HSV	168°, 31%, 74%
XYZ	35.4935, 44.3948, 48.2933
YIQ	170.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

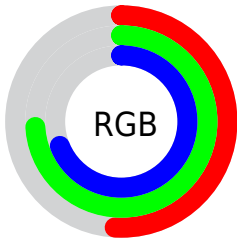
Format	Color
RYB	131, 163, 189
Decimal	8633777
CIELab	72.49, -21.37, 0.05
CIELCh	72, 21.371, 179.873
Yxy	44.3948, 0.2769, 0.3463
Android (android.graphics.Color)	4286823857 (0xFF83BDB1)
YUV	170.2900, 3.3080, -34.4573
Hunter-Lab	66.6294, -21.5146, 3.6669

Details

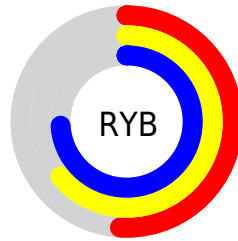
The RGB color **131, 189, 177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 131, 143**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **186, 245, 233**, and **79, 135, 125** is the 20% darker color. If you saturate the color by 10%, you get **112, 189, 173**, and if you desaturate by 10%, it is **150, 189, 181**.

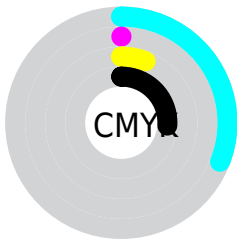
Distribution



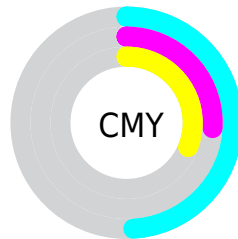
- Red (51%)
- Green (74%)
- Blue (69%)



- Red (51%)
- Yellow (64%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)




- Cyan (49%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 189, 177 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, 189, 177 by changing the saturation by 10% instead.


 131, 189, 177

255, 255, 255


 186, 245, 233


 214, 255, 255

 243, 255, 255

 131, 189, 177

 105, 162, 150

 79, 135, 125

 53, 110, 100


 27, 85, 76


 0, 62, 53


 0, 40, 32


 0, 16, 8


 0, 0, 0

 131, 189, 177


 131, 189, 177

 112, 189, 173


 150, 189, 181


 93, 189, 169


 169, 189, 185

 74, 189, 165


 188, 189, 189


 55, 189, 161

 207, 189, 193

 36, 189, 157

 226, 189, 197

 18, 189, 154

 244, 189, 200

 0, 189, 150

 255, 189, 204

 255, 189, 208

 255, 189, 212

Harmonies

Analogous

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



149, 187, 158



131, 189, 177



124, 188, 197

Triad

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



131, 189, 177



181, 173, 212



209, 170, 145

Complementary

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



131, 189, 177



189, 131, 143

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.



218, 165, 159



131, 189, 177



203, 167, 198

Square

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



131, 189, 177



155, 180, 216



216, 164, 179



193, 176, 139

Rectangle

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



131, 189, 177



128, 186, 207



216, 164, 179



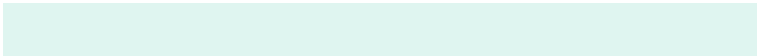
213, 168, 149

Sweetspot

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



131, 189, 177



223, 245, 240



144, 189, 131



109, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



131, 189, 177



154, 245, 226



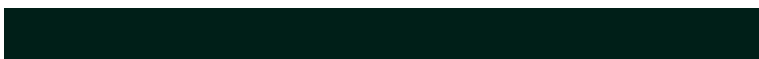
131, 173, 189



85, 94, 92



0, 158, 125



0, 31, 24

Inverse Universe

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



189, 131, 143



245, 154, 173



189, 147, 131



94, 85, 87



158, 0, 33



31, 0, 6

Previews

White Background



This preview shows how the RGB color 131, 189, 177 looks on a white background.

Color Contrast Check

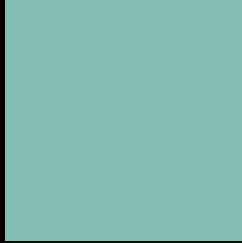
Large Text (above 18pt) WCAG AA × Fail

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, 189, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

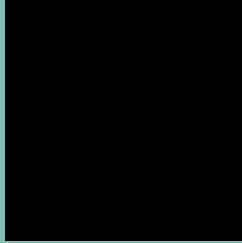
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

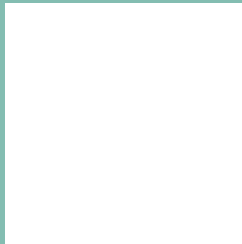
Any Text WCAG AAA ✓ Pass

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

RGB 131, 189, 177 Background



This preview shows how black text looks on a background with the RGB color 131, 189, 177.



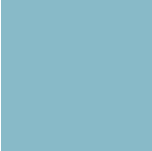
This preview shows how white text looks on a background with the RGB color 131, 189, 177.

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
136, 186, 200

Trichromacy



Original Color
131, 189, 177

Protanomaly
163, 181, 173

Deuteranomaly
170, 178, 180

Tritanomaly
134, 187, 192

Monochromacy



Original Color
131, 189, 177

Achromatopsia
170, 170, 170

Achromatomaly
156, 177, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 189, 177 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, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(131, 189, 177)  
}
```

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, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 189, 177) }
```

Border

The CSS property to change the border of an element to RGB 131, 189, 177 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, 189, 177) }
```

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

```
.border{ border-color:rgb(131, 189, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 189, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(131, 189,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 131, 189, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 189, 177) }
```

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

```
.background{ background-color: rgb(131,  
189, 177) }
```

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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