

Converting Colors

Hex(1BC4AE)

Have a look what the booklet for
Hex(1BC4AE) contains.

Hex(1BC4AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1BC4AE)

Conversions

Conversions Part 1

Format	Color
Hex	1BC4AE
RGB	27, 196, 174
RGB Percent	11%, 77%, 68%
CMY	0.8941, 0.2314, 0.3176
CMYK	0.86, 0.00, 0.11, 0.23
HSL	172°, 76%, 44%
HSV	172°, 86%, 77%
XYZ	27.8319, 42.7689, 46.8327
YIQ	142.9610, -93.6620, -42.6700

Conversions

Conversions Part 2

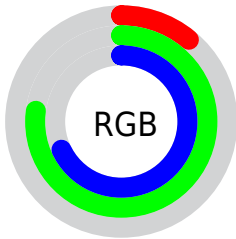
Format	Color
R _Y B	27, 117, 196
Decimal	1819822
CIE Lab	71.40, -44.69, -0.28
CIE LCh	71, 44.690, 180.365
Yxy	42.7689, 0.2370, 0.3642
Android (android.graphics.Color)	4280009902 (0xFF1BC4AE)
YUV	142.9610, 15.3022, -101.6978
Hunter-Lab	65.3979, -38.4807, 3.3198

Details

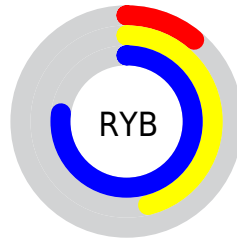
The Hex color **1BC4AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C41B31**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFDE5**, and **008D7A** is the 20% darker color. If you saturate the color by 10%, you get **07C4AB**, and if you desaturate by 10%, it is **2FC4B1**.

Distribution



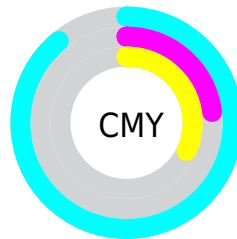
- Red (11%)
- Green (77%)
- Blue (68%)



- Red (11%)
- Yellow (46%)
- Blue (77%)



- Cyan (86%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BC4AE 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 Hex color 1BC4AE by changing the saturation by 10% instead.

 1BC4AE

 1BC4AE

FFFFFF

 00A893

 6CFDE5

 008D7A

 8CFFFF

 007361

 AAFFFF

 005A49

 C9FFFF

 004133

 E8FFFF

 002B1E

 000A06

 000000

 1BC4AE

 1BC4AE

■ 07C4AB

■ 2FC4B1

■ 00C4AA

■ 42C4B3

■ 56C4B6

■ 69C4B8

■ 7DC4BB

■ 91C4BD

■ A4C4C0

■ B8C4C2

■ CBC4C5

Harmonies

Analogous

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



6CC085



1BC4AE



00C3D7

Triad

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



1BC4AE



B3A4F5



E89E69

Complementary

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



1BC4AE



C41B31

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.



FB9288



1BC4AE



E295D8

Square

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



1BC4AE



6EB3FF



FA8EB0



C8AD5C

Rectangle

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



1BC4AE



00C0ED



FA8EB0



F09A72

Sweetspot

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



1BC4AE



BDFFF6



32C41B



58807A



000000



808080

Same Dimension

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



1BC4AE



00FFDE



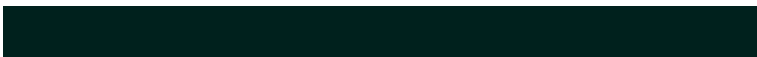
1B86C4



576160



00A18C



00211D

Inverse Universe

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



C41B31



FF0021



C4591B



615758



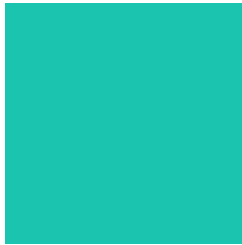
A10015



210004

Previews

White Background



This preview shows how the Hex color 1BC4AE looks on a white background.

Color Contrast Check

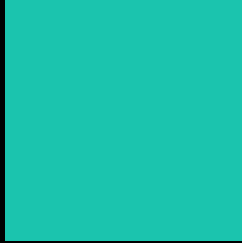
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1BC4AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

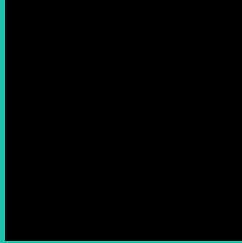
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

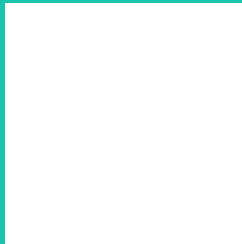
Any Text WCAG AAA ✓ Pass

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

Hex 1BC4AE Background



This preview shows how black text looks on a background with the Hex color 1BC4AE.



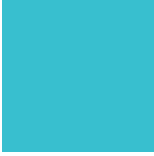
This preview shows how white text looks on a background with the Hex color 1BC4AE.

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
38BFCF

Trichromacy



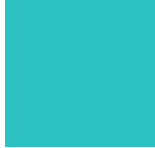
Original Color
1BC4AE



Protanomaly
7CB5A6



Deuteranomaly
81B2B2



Tritanomaly
2DC1C3

Monochromacy



Original Color
1BC4AE



Achromatopsia
8F8F8F



Achromatomaly
65A29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BC4AE 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 #1BC4AE looks like.

```
.text, #text, p{  
    color:#1BC4AE  
}
```

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 #1BC4AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC4AE
}
```

Border

The CSS property to change the border of an element to Hex 1BC4AE 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
#1BC4AE }
```

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

```
.border{ border-color:#1BC4AE }
```

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

Here you see how a box with a 4 pixel #1BC4AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC4AE; -webkit-box-shadow:4px 4px  
4px 4px #1BC4AE; box-shadow:4px 4px 4px  
4px #1BC4AE }
```

Background

The CSS property to change the background color of an element to Hex 1BC4AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC4AE }
```

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

```
.background{ background-color:#1BC4AE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor