

Converting Colors

Hex(1AC4C4)

Have a look what the booklet for
Hex(1AC4C4) contains.

Hex(1AC4C4)	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(1AC4C4)

Conversions

Conversions Part 1

Format	Color
Hex	1AC4C4
RGB	26, 196, 196
RGB Percent	10%, 77%, 77%
CMY	0.8980, 0.2314, 0.2314
CMYK	0.87, 0.00, 0.00, 0.23
HSL	180°, 77%, 44%
HSV	180°, 87%, 77%
XYZ	30.1297, 43.6850, 59.0686
YIQ	145.1700, -101.3200, -36.0400

Conversions

Conversions Part 2

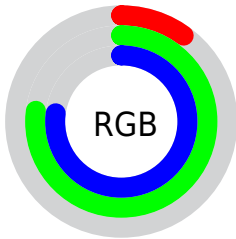
Format	Color
R _Y B	26, 111, 196
Decimal	1754308
CIE Lab	72.02, -38.46, -11.36
CIE LCh	72, 40.106, 196.456
Yxy	43.6850, 0.2267, 0.3287
Android (android.graphics.Color)	4279944388 (0xFF1AC4C4)
YUV	145.1700, 25.0592, -104.5121
Hunter-Lab	66.0946, -34.2950, -6.7211

Details

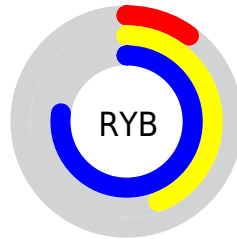
The Hex color **1AC4C4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C41A1A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFDFD**, and **008E8E** is the 20% darker color. If you saturate the color by 10%, you get **06C4C4**, and if you desaturate by 10%, it is **2EC4C4**.

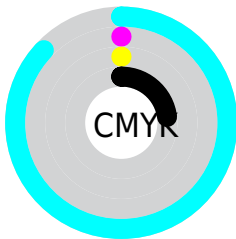
Distribution



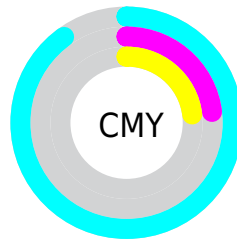
- Red (10%)
- Green (77%)
- Blue (77%)



- Red (10%)
- Yellow (44%)
- Blue (77%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (90%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AC4C4 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 1AC4C4 by changing the saturation by 10% instead.

 1AC4C4

 1AC4C4

FFFFFF

 00A8A9

 6EFDFF

 008E8E

 8EFFFF

 007375

 ADFFFF

 005A5C

 CCFFFF

 004245

 EBFFFF

 002B2E

 000F1A

 000000

 1AC4C4

 1AC4C4

06C4C4

2EC4C4

00C4C4

41C4C4

55C4C4

68C4C4

7CC4C4

90C4C4

A3C4C4

B7C4C4

CAC4C4

Harmonies

Analogous

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



5BC39E



1AC4C4



00C1E5

Triad

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



1AC4C4



CEA0E3



D7A969

Complementary

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



1AC4C4



C41A1A

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.



EF9C7D



1AC4C4



ED96C3

Square

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



1AC4C4



9CADF7



F8949E



B4B569

Rectangle

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



1AC4C4



43BCF3



F8949E



E0A46E

Sweetspot

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



1AC4C4



BDFFFF



1AC41A



588080



000000



808080

Same Dimension

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



1AC4C4



00FFFF



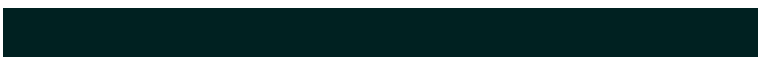
1A6FC4



576161



00A1A1



002121

Inverse Universe

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



C41AC4



FF00FF



C46F1A



615761



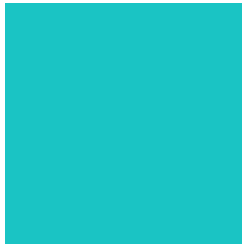
A100A1



210021

Previews

White Background



This preview shows how the Hex color 1AC4C4 looks on a white background.

Color Contrast Check

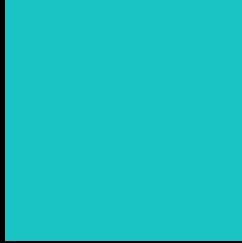
Large Text (above 18pt) WCAG AA × Fail

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 1AC4C4 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

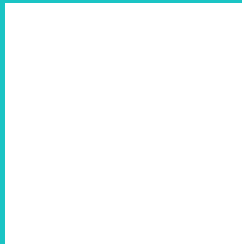
Any Text WCAG AAA ✓ Pass

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

Hex 1AC4C4 Background



This preview shows how black text looks on a background with the Hex color 1AC4C4.

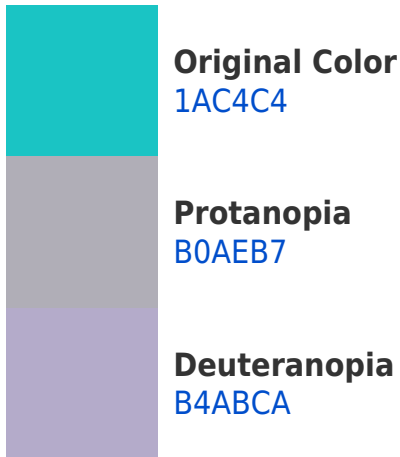


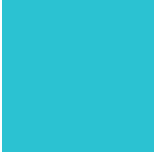
This preview shows how white text looks on a background with the Hex color 1AC4C4.

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
2BC2D2

Trichromacy



Original Color
1AC4C4



Protanomaly
79B6BC



Deuteranomaly
7CB4C8



Tritanomaly
25C3CD

Monochromacy



Original Color
1AC4C4



Achromatopsia
919191



Achromatomaly
66A4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AC4C4 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 #1AC4C4 looks like.

```
.text, #text, p{  
    color:#1AC4C4  
}
```

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 #1AC4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AC4C4
}
```

Border

The CSS property to change the border of an element to Hex 1AC4C4 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
#1AC4C4 }
```

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

```
.border{ border-color:#1AC4C4 }
```

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

Here you see how a box with a 4 pixel #1AC4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AC4C4; -webkit-box-shadow:4px 4px  
4px 4px #1AC4C4; box-shadow:4px 4px 4px  
4px #1AC4C4 }
```

Background

The CSS property to change the background color of an element to Hex 1AC4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AC4C4 }
```

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

```
.background{ background-color:#1AC4C4 }
```

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