

# Converting Colors

Hex(1EC7AE)

Have a look what the booklet for  
Hex(1EC7AE) contains.

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# Color

Hex(1EC7AE)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EC7AE
RGB	30, 199, 174
RGB Percent	12%, 78%, 68%
CMY	0.8824, 0.2196, 0.3176
CMYK	0.85, 0.00, 0.13, 0.22
HSL	171°, 74%, 45%
HSV	171°, 85%, 78%
XYZ	28.5988, 44.1789, 47.0645
YIQ	145.6190, -92.6990, -43.6030

# Conversions

## Conversions Part 2

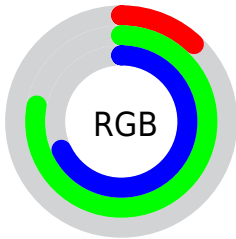
Format	Color
<a href="#">RYB</a>	<a href="#">30, 121, 199</a>
Decimal	<a href="#">2017198</a>
CIELab	<a href="#">72.35, -45.76, 1.10</a>
CIELCh	<a href="#">72, 45.776, 178.617</a>
Yxy	<a href="#">44.1789, 0.2386, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4280207278 (0xFF1EC7AE)</a>
YUV	<a href="#">145.6190, 13.9918, -101.3979</a>
Hunter-Lab	<a href="#">66.4672, -39.5144, 4.5446</a>

# Details

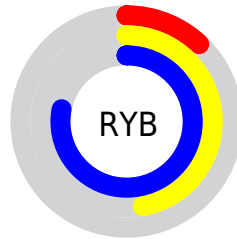
The Hex color **1EC7AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C71E37**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFFE5**, and **00907A** is the 20% darker color. If you saturate the color by 10%, you get **0AC7AB**, and if you desaturate by 10%, it is **32C7B1**.

# Distribution



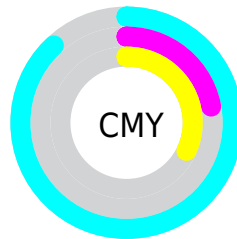
- Red (12%)
- Green (78%)
- Blue (68%)



- Red (12%)
- Yellow (47%)
- Blue (78%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (88%)
- Magenta (22%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EC7AE 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 1EC7AE by changing the saturation by 10% instead.



 1EC7AE

 1EC7AE

FFFFFF

 00AB93

 6EFFE5

 00907A

 8DFFFF

 007661

 ACFFFF

 005C49

 CBFFFF

 004333

 EAFFFF

 002D1E

 000F05

 000000

 1EC7AE

 1EC7AE

■ 0AC7AB

■ 32C7B1

■ 00C7AA

■ 46C7B4

■ 5AC7B7

■ 6EC7BA

■ 82C7BD

■ 95C7C0

■ A9C7C3

■ BDC7C6

■ D1C7C8

# Harmonies

## Analogous

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



6FC384



1EC7AE



00C6D8

# Triad

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



1EC7AE



B2A7FB



EE9F6B

# Complementary

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



1EC7AE



C71E37

# 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.



FF938C



1EC7AE



E498DE

# Square

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



1EC7AE



69B6FF



FE90B5



CDAE5C

# Rectangle

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



1EC7AE



00C3EF



FE90B5



F69B74

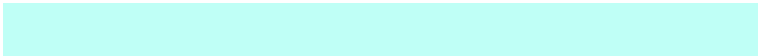


# Sweetspot

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



1EC7AE



BFFFF6



37C71E



59807A



000000



808080



# Same Dimension

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



1EC7AE



00FFD9



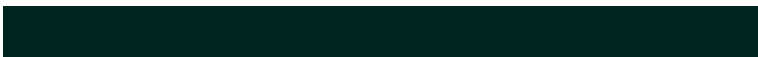
1E8CC7



5A6362



00A38B



00241E



# Inverse Universe

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



C71E37



FF0026



C7591E



635A5B



A30018

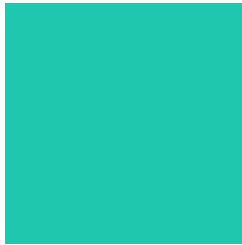


240005



# Previews

## White Background



This preview shows how the Hex color 1EC7AE 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 1EC7AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

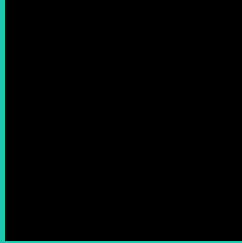
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

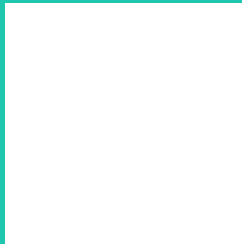
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EC7AE Background



This preview shows how black text looks on a background with the Hex color 1EC7AE.



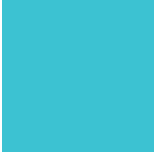
This preview shows how white text looks on a background with the Hex color 1EC7AE.

# 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**  
3CC2D2

# Trichromacy



**Original Color**  
1EC7AE



**Protanomaly**  
7FB8A6



**Deuteranomaly**  
84B5B2



**Tritanomaly**  
31C4C5

# Monochromacy



**Original Color**  
1EC7AE



**Achromatopsia**  
929292



**Achromatomaly**  
68A59C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EC7AE 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 #1EC7AE looks like.

```
.text, #text, p{  
    color:#1EC7AE  
}
```

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 #1EC7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC7AE
}
```

## Border

The CSS property to change the border of an element to Hex 1EC7AE 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
#1EC7AE }
```

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

```
.border{ border-color:#1EC7AE }
```

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

Here you see how a box with a 4 pixel #1EC7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC7AE; -webkit-box-shadow:4px 4px  
4px 4px #1EC7AE; box-shadow:4px 4px 4px  
4px #1EC7AE }
```

# Background

The CSS property to change the background color of an element to Hex 1EC7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC7AE }
```

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

```
.background{ background-color:#1EC7AE }
```

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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