

Converting Colors

Hex(1EC8AD)

Have a look what the booklet for
Hex(1EC8AD) contains.

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Color

Hex(1EC8AD)

Conversions

Conversions Part 1

Format	Color
Hex	1EC8AD
RGB	30, 200, 173
RGB Percent	12%, 78%, 68%
CMY	0.8824, 0.2157, 0.3216
CMYK	0.85, 0.00, 0.13, 0.22
HSL	170°, 74%, 45%
HSV	170°, 85%, 78%
XYZ	28.7325, 44.6017, 46.6298
YIQ	146.0920, -92.6530, -44.4370

Conversions

Conversions Part 2

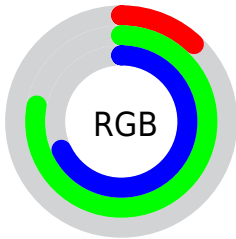
Format	Color
R _{YB}	30, 122, 200
Decimal	2017453
CIE Lab	72.63, -46.45, 2.06
CIE LCh	73, 46.497, 177.466
Yxy	44.6017, 0.2395, 0.3718
Android (android.graphics.Color)	4280207533 (0xFF1EC8AD)
YUV	146.0920, 13.2656, -101.8127
Hunter-Lab	66.7845, -40.0773, 5.3521

Details

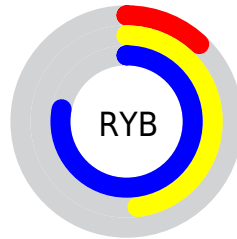
The Hex color **1EC8AD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C81E39**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFFE4**, and **009179** is the 20% darker color. If you saturate the color by 10%, you get **0AC8AA**, and if you desaturate by 10%, it is **32C8B0**.

Distribution



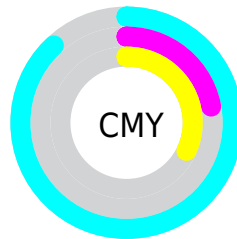
- Red (12%)
- Green (78%)
- Blue (68%)



- Red (12%)
- Yellow (48%)
- 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 1EC8AD 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 1EC8AD by changing the saturation by 10% instead.

 1EC8AD

 1EC8AD

FFFFFF

 00AC92

 6EFFE4

 009179

 8DFFFF

 007760

 ACFFFF

 005D48

 CBFFFF

 004432

 EAFFFF

 002E1D

 001104

 000000

 1EC8AD

 1EC8AD

■ 0AC8AA

■ 32C8B0

■ 00C8A8

■ 46C8B3

■ 5AC8B7

■ 6EC8BA

■ 82C8BD

■ 96C8C0

■ AAC8C3

■ BEC8C6

■ D2C8CA

Harmonies

Analogous

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



71C483



1EC8AD



00C8D8

Triad

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



1EC8AD



B0A8FE



F19F6C

Complementary

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



1EC8AD



C81E39

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.



FF938D



1EC8AD



E499E1

Square

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



1EC8AD



65B8FF



FF90B8



D0AF5C

Rectangle

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



1EC8AD



00C5F0



FF90B8



F89A75

Sweetspot

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



1EC8AD



BDFFF4



3AC81E



588079



000000



808080

Same Dimension

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



1EC8AD



00FFD6



1E8FC8



5A6362



00A389



00241E

Inverse Universe

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



C81E39



FF0028



C8571E



635A5B



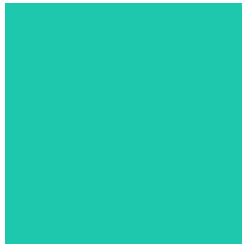
A3001A



240006

Previews

White Background



This preview shows how the Hex color 1EC8AD looks on a white background.

Color Contrast Check

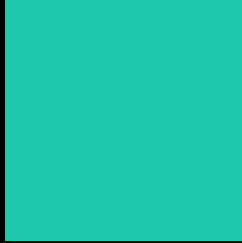
Large Text (above 18pt) WCAG AA × Fail

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 1EC8AD 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

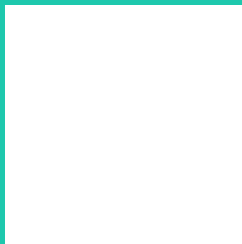
Any Text WCAG AAA ✓ Pass

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

Hex 1EC8AD Background



This preview shows how black text looks on a background with the Hex color 1EC8AD.



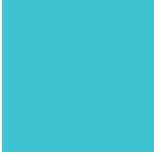
This preview shows how white text looks on a background with the Hex color 1EC8AD.

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
3DC3D2

Trichromacy



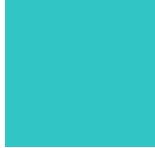
Original Color
1EC8AD



Protanomaly
80B9A5



Deuteranomaly
85B6B1



Tritanomaly
32C5C5

Monochromacy



Original Color
1EC8AD



Achromatopsia
929292



Achromatomaly
68A69C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EC8AD 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 #1EC8AD looks like.

```
.text, #text, p{  
    color:#1EC8AD  
}
```

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 #1EC8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC8AD
}
```

Border

The CSS property to change the border of an element to Hex 1EC8AD 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
#1EC8AD }
```

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

```
.border{ border-color:#1EC8AD }
```

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

Here you see how a box with a 4 pixel #1EC8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC8AD; -webkit-box-shadow:4px 4px  
4px 4px #1EC8AD; box-shadow:4px 4px 4px  
4px #1EC8AD }
```

Background

The CSS property to change the background color of an element to Hex 1EC8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC8AD }
```

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

```
.background{ background-color:#1EC8AD }
```

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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