

Converting Colors

Hex(0EC8C1)

Have a look what the booklet for
Hex(0EC8C1) contains.

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Color

Hex(0EC8C1)

Conversions

Conversions Part 1

Format	Color
Hex	0EC8C1
RGB	14, 200, 193
RGB Percent	5%, 78%, 76%
CMY	0.9451, 0.2157, 0.2431
CMYK	0.93, 0.00, 0.04, 0.22
HSL	178°, 87%, 42%
HSV	178°, 93%, 78%
XYZ	30.4610, 45.2522, 57.5812
YIQ	143.5880, -108.6090, -41.6090

Conversions

Conversions Part 2

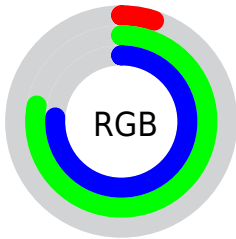
Format	Color
RYB	14, 109, 200
Decimal	968897
CIELab	73.06, -41.70, -8.19
CIELCh	73, 42.498, 191.107
Yxy	45.2522, 0.2285, 0.3395
Android (android.graphics.Color)	4279158977 (0xFF0EC8C1)
YUV	143.5880, 24.3601, -113.6487
Hunter-Lab	67.2697, -36.8938, -3.6619

Details

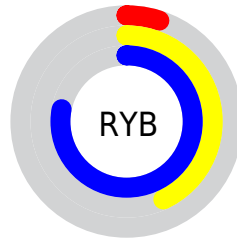
The Hex color **0EC8C1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C80E15**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6BFFF9**, and **00918C** is the 20% darker color. If you saturate the color by 10%, you get **00C8C0**, and if you desaturate by 10%, it is **22C8C2**.

Distribution



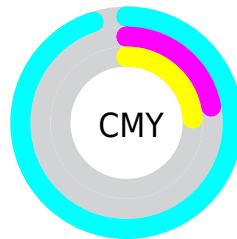
- Red (5%)
- Green (78%)
- Blue (76%)



- Red (5%)
- Yellow (43%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (95%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EC8C1 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 0EC8C1 by changing the saturation by 10% instead.

 0EC8C1

 0EC8C1

FFFFFF

 00ACA6

 6BFFF9

 00918C

 8CFFFF

 007772

 ABFFFF

 005D5A

 CAFFFF

 004542

 E9FFFF

 002E2C

 001318

 000000

 0EC8C1

 0EC8C1

00C8C0

22C8C2

36C8C3

4AC8C3

5EC8C4

72C8C5

86C8C6

9AC8C6

AEC8C7

C2C8C8

Harmonies

Analogous

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



61C699



0EC8C1



00C6E5

Triad

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



0EC8C1



CAA4EE



E1A86A

Complementary

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



0EC8C1



C80E15

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.



F89B82



0EC8C1



EF98CD

Square

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



0EC8C1



91B2FF



FE95A6



BEB665

Rectangle

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



0EC8C1



21C1F7



FE95A6



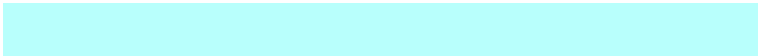
EBA470

Sweetspot

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



0EC8C1



B8FFFC



17C80E



54807E



000000



808080

Same Dimension

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



0EC8C1



00FFF5



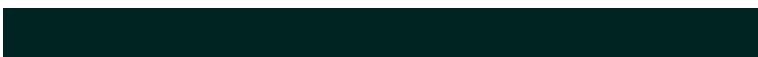
0E74C8



5A6363



00A39D



002422

Inverse Universe

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



C80E15



FF000A



C8620E



635A5A



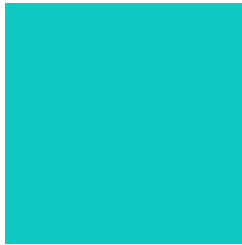
A30006



240001

Previews

White Background



This preview shows how the Hex color 0EC8C1 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 0EC8C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

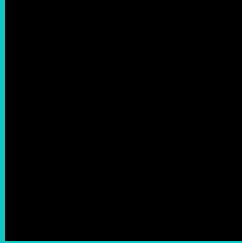
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

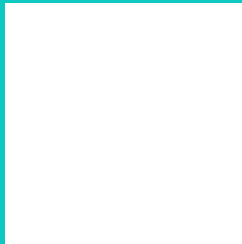
Any Text WCAG AAA ✓ Pass

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

Hex 0EC8C1 Background



This preview shows how black text looks on a background with the Hex color 0EC8C1.

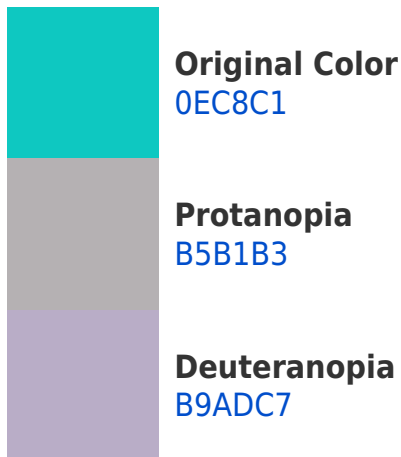


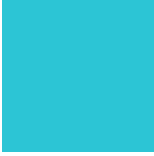
This preview shows how white text looks on a background with the Hex color 0EC8C1.

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
2CC5D5

Trichromacy



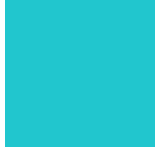
Original Color
0EC8C1



Protanomaly
78B9B8



Deuteranomaly
7BB7C5



Tritanomaly
21C6CE

Monochromacy



Original Color
0EC8C1



Achromatopsia
909090



Achromatomaly
61A4A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EC8C1 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 #0EC8C1 looks like.

```
.text, #text, p{  
    color:#0EC8C1  
}
```

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 #0EC8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC8C1
}
```

Border

The CSS property to change the border of an element to Hex 0EC8C1 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
#0EC8C1 }
```

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

```
.border{ border-color:#0EC8C1 }
```

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

Here you see how a box with a 4 pixel #0EC8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC8C1; -webkit-box-shadow:4px 4px  
4px 4px #0EC8C1; box-shadow:4px 4px 4px  
4px #0EC8C1 }
```

Background

The CSS property to change the background color of an element to Hex 0EC8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC8C1 }
```

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

```
.background{ background-color:#0EC8C1 }
```

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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