

Converting Colors

Hex(0CE4B8)

Have a look what the booklet for
Hex(0CE4B8) contains.

Hex(0CE4B8)	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(0CE4B8)

Conversions

Conversions Part 1

Format	Color
Hex	0CE4B8
RGB	12, 228, 184
RGB Percent	5%, 89%, 72%
CMY	0.9529, 0.1059, 0.2784
CMYK	0.95, 0.00, 0.19, 0.11
HSL	168°, 90%, 47%
HSV	168°, 95%, 89%
XYZ	36.5468, 59.0257, 54.8143
YIQ	158.4000, -114.6120, -59.4760

Conversions

Conversions Part 2

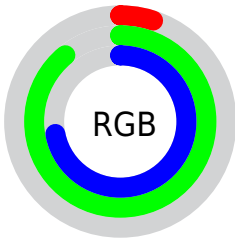
Format	Color
RYB	12, 132, 228
Decimal	844984
CIELab	81.31, -55.84, 8.67
CIElCh	81, 56.504, 171.177
Yxy	59.0257, 0.2430, 0.3925
Android (android.graphics.Color)	4279035064 (0xFF0CE4B8)
YUV	158.4000, 12.6208, -128.3928
Hunter-Lab	76.8282, -49.5378, 11.4783

Details

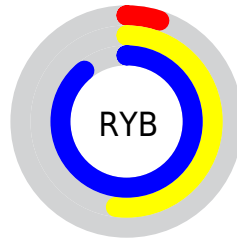
The Hex color **0CE4B8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E40C38**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **6FFFF0**, and **00AB83** is the 20% darker color. If you saturate the color by 10%, you get **00E4B6**, and if you desaturate by 10%, it is **23E4BD**.

Distribution



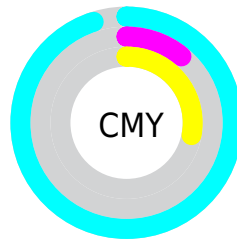
- Red (5%)
- Green (89%)
- Blue (72%)



- Red (5%)
- Yellow (52%)
- Blue (89%)



- Cyan (95%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (95%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CE4B8 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 0CE4B8 by changing the saturation by 10% instead.

 0CE4B8

 0CE4B8

FFFFFF

 00C79D

 6FFFF0

 00AB83

 91FFFF

 00906A

 B1FFFF

 007552

 D1FFFF

 005B3B

 F0FFFF

 004225

 002C10

 000900

 000000

■ 0CE4B8

■ 0CE4B8

■ 00E4B6

■ 23E4BD

■ 3AE4C1

■ 50E4C6

■ 67E4CB

■ 7EE4CF

■ 95E4D4

■ ACE4D9

■ C2E4DD

■ D9E4E2

Harmonies

Analogous

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



86DE85



0CE4B8



00E5EF

Triad

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



0CE4B8



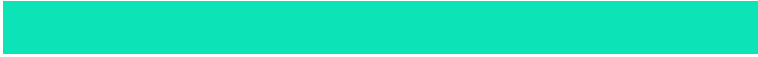
B5C2FF



FFAE79

Complementary

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



0CE4B8



E40C38

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.



FFA0A7



0CE4B8



FCAEFF

Square

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



0CE4B8



3AD4FF



FF9FDC



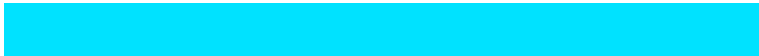
F7C25F

Rectangle

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



0CE4B8



00E2FF



FF9FDC



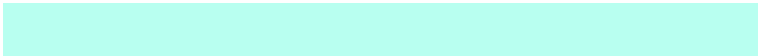
FFA887

Sweetspot

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



0CE4B8



B8FFF0



3BE40C



548077



000000



808080

Same Dimension

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



0CE4B8



00FFCB



0CA7E4



677370



00B38E



003329

Inverse Universe

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



E40C38



FF0034



E4490C



73676A



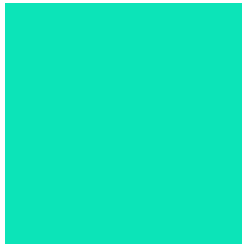
B30024



33000A

Previews

White Background



This preview shows how the Hex color 0CE4B8 looks on a white background.

Color Contrast Check

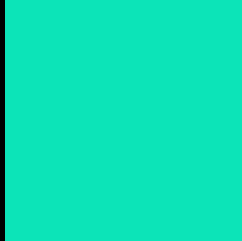
Large Text (above 18pt) WCAG AA × Fail

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 0CE4B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

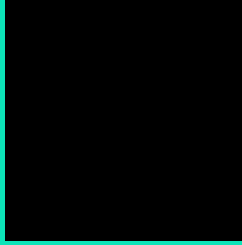
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

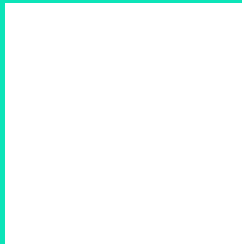
Any Text WCAG AAA ✓ Pass

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

Hex 0CE4B8 Background



This preview shows how black text looks on a background with the Hex color 0CE4B8.



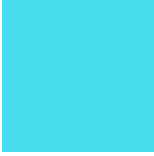
This preview shows how white text looks on a background with the Hex color 0CE4B8.

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
45DDEE

Trichromacy



Original Color
0CE4B8



Protanomaly
8BD2AF



Deuteranomaly
92CEBD

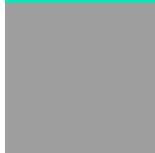


Tritanomaly
30E0DA

Monochromacy



Original Color
0CE4B8



Achromatopsia
9E9E9E



Achromatomaly
69B7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CE4B8 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 #0CE4B8 looks like.

```
.text, #text, p{  
    color:#0CE4B8  
}
```

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 #0CE4B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CE4B8
}
```

Border

The CSS property to change the border of an element to Hex 0CE4B8 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
#0CE4B8 }
```

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

```
.border{ border-color:#0CE4B8 }
```

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

Here you see how a box with a 4 pixel #0CE4B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CE4B8; -webkit-box-shadow:4px 4px  
4px 4px #0CE4B8; box-shadow:4px 4px 4px  
4px #0CE4B8 }
```

Background

The CSS property to change the background color of an element to Hex 0CE4B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CE4B8 }
```

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

```
.background{ background-color:#0CE4B8 }
```

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