

Converting Colors

Hex(07C8E9)

Have a look what the booklet for
Hex(07C8E9) contains.

Hex(07C8E9)	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(07C8E9)

Conversions

Conversions Part 1

Format	Color
Hex	07C8E9
RGB	7, 200, 233
RGB Percent	3%, 78%, 91%
CMY	0.9725, 0.2157, 0.0863
CMYK	0.97, 0.14, 0.00, 0.09
HSL	189°, 94%, 47%
HSV	189°, 97%, 91%
XYZ	35.4499, 47.2369, 84.3400
YIQ	146.0550, -125.6210, -30.6530

Conversions

Conversions Part 2

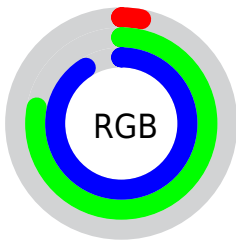
Format	Color
RYB	7, 111, 233
Decimal	510185
CIELab	74.34, -29.49, -27.92
CIELCh	74, 40.608, 223.430
Yxy	47.2369, 0.2122, 0.2828
Android (android.graphics.Color)	4278700265 (0xFF07C8E9)
YUV	146.0550, 42.8639, -121.9512
Hunter-Lab	68.7291, -28.2072, -24.6466

Details

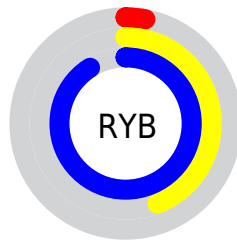
The Hex color **07C8E9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E92807**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6FFFFFF**, and **0092B1** is the 20% darker color. If you saturate the color by 10%, you get **00C7E9**, and if you desaturate by 10%, it is **1ECBE9**.

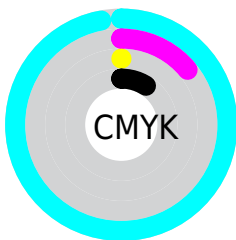
Distribution



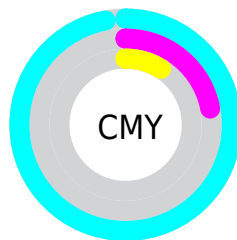
- Red (3%)
- Green (78%)
- Blue (91%)



- Red (3%)
- Yellow (44%)
- Blue (91%)



- Cyan (97%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (97%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07C8E9 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 07C8E9 by changing the saturation by 10% instead.

 07C8E9

 07C8E9

FFFFFF

 00ACCD

 6FFFFFF

 0092B1

 91FFFF

 007896

 B1FFFF

 005F7C


 D1FFFF

 004663

 F1FFFF

 002F4B

 001A35

 00021F

 000002

■ 07C8E9

■ 07C8E9

■ 00C7E9

■ 1ECBE9

■ 36CFE9

■ 4DD2E9

■ 64D6E9

■ 7CD9E9

■ 93DCE9

■ AAE0E9

■ C1E3E9

■ D9E7E9

Harmonies

Analogous

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



2ACBC7



07C8E9



5AC1FE

Triad

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



07C8E9



F39CCD



BFBA6D

Complementary

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



07C8E9



E92807

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.



E1AD6F



07C8E9



FF9AA7

Square

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



07C8E9



D0A7ED



F9A185



95C47F

Rectangle

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



07C8E9



87B9FF



F9A185



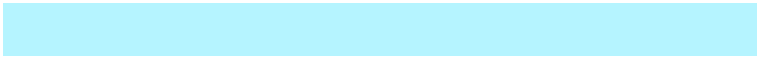
CBB66B

Sweetspot

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



07C8E9



B5F4FF



07E925



537980



000000



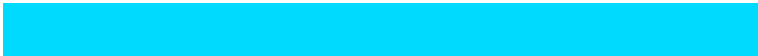
808080

Same Dimension

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



07C8E9



00DAFF



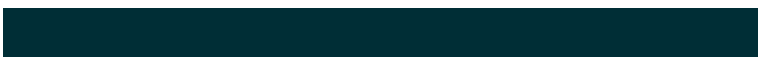
075AE9



6A7475



009BB5



002E36

Inverse Universe

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



E907C8



FF00DA



E99607



756A74



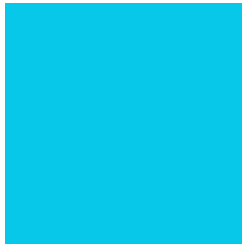
B5009B



36002E

Previews

White Background



This preview shows how the Hex color 07C8E9 looks on a white background.

Color Contrast Check

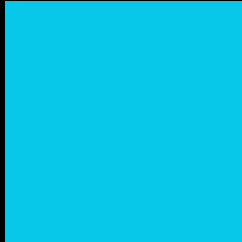
Large Text (above 18pt) WCAG AA × Fail

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 07C8E9 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 07C8E9 Background



This preview shows how black text looks on a background with the Hex color 07C8E9.

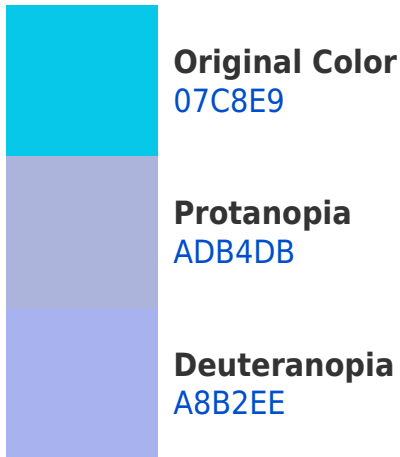


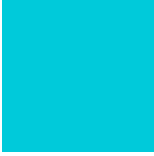
This preview shows how white text looks on a background with the Hex color 07C8E9.

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

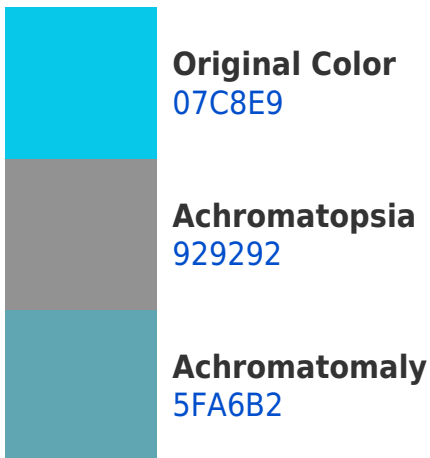




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 07C8E9 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 #07C8E9 looks like.

```
.text, #text, p{  
    color:#07C8E9  
}
```

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 #07C8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07C8E9
}
```

Border

The CSS property to change the border of an element to Hex 07C8E9 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
#07C8E9 }
```

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

```
.border{ border-color:#07C8E9 }
```

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

Here you see how a box with a 4 pixel #07C8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07C8E9; -webkit-box-shadow:4px 4px  
4px 4px #07C8E9; box-shadow:4px 4px 4px  
4px #07C8E9 }
```

Background

The CSS property to change the background color of an element to Hex 07C8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07C8E9 }
```

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

```
.background{ background-color:#07C8E9 }
```

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