

Converting Colors

Hex(7CEAD0)

Have a look what the booklet for
Hex(7CEAD0) contains.

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Color

Hex(7CEAD0)

Conversions

Conversions Part 1

Format	Color
Hex	7CEAD0
RGB	124, 234, 208
RGB Percent	49%, 92%, 82%
CMY	0.5137, 0.0824, 0.1843
CMYK	0.47, 0.00, 0.11, 0.08
HSL	166°, 72%, 70%
HSV	166°, 47%, 92%
XYZ	49.1202, 67.6848, 70.1501
YIQ	198.1460, -57.2140, -31.4060

Conversions

Conversions Part 2

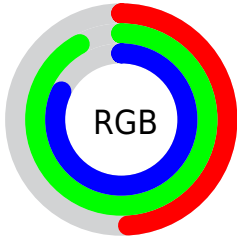
Format	Color
RYB	124, 186, 234
Decimal	8186576
CIELab	85.85, -37.76, 2.86
CIELCh	86, 37.865, 175.663
Yxy	67.6848, 0.2627, 0.3620
Android (android.graphics.Color)	4286376656 (0xFF7CEAD0)
YUV	198.1460, 4.8580, -65.0260
Hunter-Lab	82.2708, -37.3995, 7.0345

Details

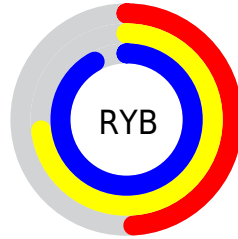
The Hex color **7CEAD0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA7C96**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B6FFFF**, and **40B29A** is the 20% darker color. If you saturate the color by 10%, you get **65EACA**, and if you desaturate by 10%, it is **93EAD6**.

Distribution



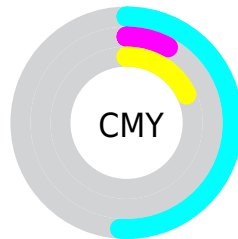
- Red (49%)
- Green (92%)
- Blue (82%)



- Red (49%)
- Yellow (73%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CEAD0 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 7CEAD0 by changing the saturation by 10% instead.

 7CEAD0

 7CEAD0

FFFFFF

 5FCEB4

 B6FFFF

 40B29A

 D4FFFF

 199780

 F1FFFF

 007C67

 00634F

 004A38

 003223

 001D0D

 000000

 7CEAD0

 7CEAD0

 65EACA

 93EAD6

 4DEAC5

 ABEADB

 36EABF

 C2EAE1

 1EEABA

 DAEAE6

 07EAB4

 F1EAE6

 00EAB3

 FFEAF1

 FFEAF7

 FFEAFC

 FFEAFF

Harmonies

Analogous

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



A6E6AD



7CEAD0



5FEAF4

Triad

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



7CEAD0



D4CFFF



FFC69D

Complementary

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



7CEAD0



EA7C96

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.



FFBEB9



7CEAD0



FFC3FF

Square

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



7CEAD0



9FDCFF



FFBCDD



F4D38F

Rectangle

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



7CEAD0



63E7FF



FFBCDD



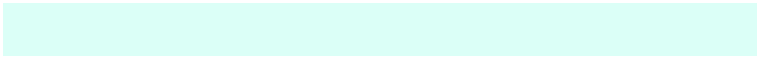
FFC3A5

Sweetspot

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



7CEAD0



DBFFF7



98EA7C



6A807A



000000



808080

Same Dimension

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



7CEAD0



70FFDD



7CCEEA



6A7573



00B58A



003629

Inverse Universe

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



EA7C96



FF7092



EA987C



756A6C



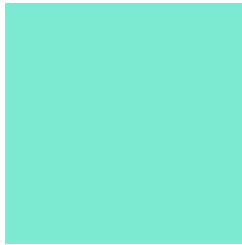
B5002B



36000D

Previews

White Background



This preview shows how the Hex color 7CEAD0 looks on a white background.

Color Contrast Check

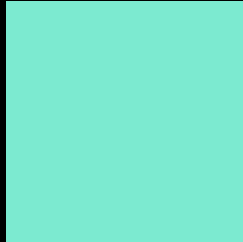
Large Text (above 18pt) WCAG AA × Fail

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 7CEAD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

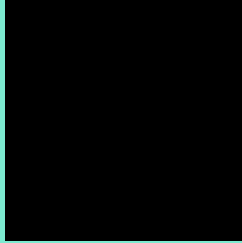
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

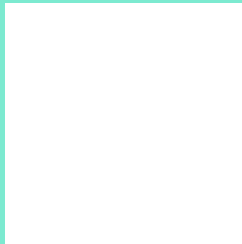
Any Text WCAG AAA ✓ Pass

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

Hex 7CEAD0 Background



This preview shows how black text looks on a background with the Hex color 7CEAD0.

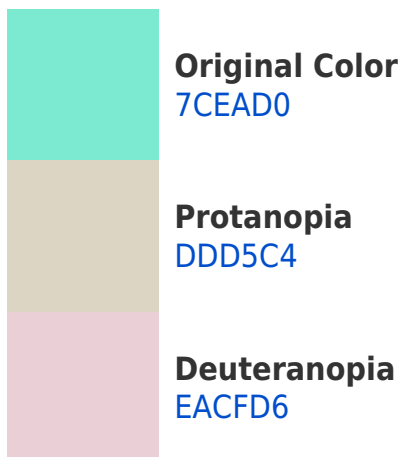


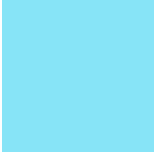
This preview shows how white text looks on a background with the Hex color 7CEAD0.

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
87E4F7

Trichromacy



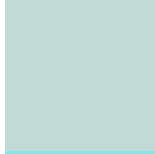
Original Color

7CEAD0



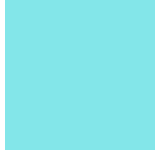
Protanomaly

BADDC8



Deuteranomaly

C2D9D4



Tritanomaly

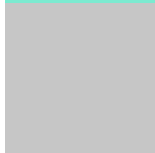
83E6E9

Monochromacy



Original Color

7CEAD0



Achromatopsia

C6C6C6



Achromatomaly

ABD3CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CEAD0 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 #7CEAD0 looks like.

```
.text, #text, p{  
    color:#7CEAD0  
}
```

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 #7CEAD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEAD0  
}
```

Border

The CSS property to change the border of an element to Hex 7CEAD0 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  
#7CEAD0 }
```

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

```
.border{ border-color:#7CEAD0 }
```

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

Here you see how a box with a 4 pixel #7CEAD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEAD0; -webkit-box-shadow:4px 4px  
4px 4px #7CEAD0; box-shadow:4px 4px 4px  
4px #7CEAD0 }
```

Background

The CSS property to change the background color of an element to Hex 7CEAD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEAD0 }
```

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

```
.background{ background-color:#7CEAD0 }
```

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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