

Converting Colors

Hex(7CE8C2)

Have a look what the booklet for
Hex(7CE8C2) contains.

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Color

Hex(7CE8C2)

Conversions

Conversions Part 1

Format	Color
Hex	7CE8C2
RGB	124, 232, 194
RGB Percent	49%, 91%, 76%
CMY	0.5137, 0.0902, 0.2392
CMYK	0.47, 0.00, 0.16, 0.09
HSL	159°, 70%, 70%
HSV	159°, 47%, 91%
XYZ	46.9064, 65.8934, 61.2854
YIQ	195.3760, -52.1700, -34.7140

Conversions

Conversions Part 2

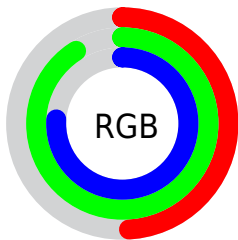
Format	Color
RYB	124, 190, 232
Decimal	8186050
CIELab	84.94, -39.97, 8.91
CIELCh	85, 40.950, 167.438
Yxy	65.8934, 0.2694, 0.3785
Android (android.graphics.Color)	4286376130 (0xFF7CE8C2)
YUV	195.3760, -0.6784, -62.5968
Hunter-Lab	81.1747, -38.9104, 12.0595

Details

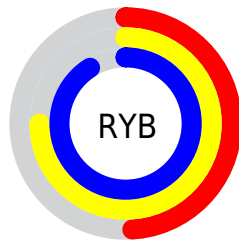
The Hex color **7CE8C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E87CA2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B6FFFA**, and **41B08C** is the 20% darker color. If you saturate the color by 10%, you get **65E8BA**, and if you desaturate by 10%, it is **93E8CA**.

Distribution



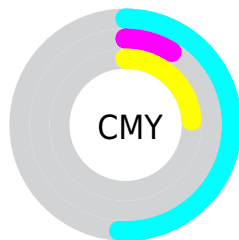
- Red (49%)
- Green (91%)
- Blue (76%)



- Red (49%)
- Yellow (75%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CE8C2 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 7CE8C2 by changing the saturation by 10% instead.

 7CE8C2

 7CE8C2

FFFFFF

 5FCCA7

 B6FFFA

 41B08C

 D3FFFF

 1D9573

 F1FFFF

 007A5A

 006143

 00482D

 003118

 001A00

 000000

 7CE8C2

 7CE8C2

 65E8BA

 93E8CA

 4EE8B2

 AAE8D2

 36E8AA

 C2E8DA

 1FE8A1

 D9E8E3

 08E899

 F0E8EB

 00E896

 FFE8F3

 FFE8FB

 FFE8FF

Harmonies

Analogous

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



ACE39F



7CE8C2



4FE9EA

Triad

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



7CE8C2



C2D0FF



FFBF9D

Complementary

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



7CE8C2



E87CA2

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.



FFB7BF



7CE8C2



F5C2FF

Square

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



7CE8C2



84DDFF



FFB8E6



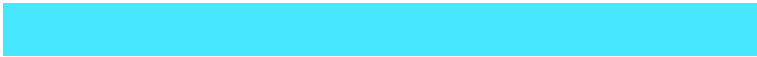
FDCC89

Rectangle

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



7CE8C2



46E7FF



FFB8E6



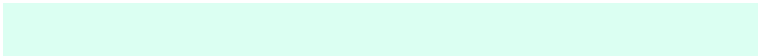
FFBCA7

Sweetspot

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



7CE8C2



DBFFF2



A4E87C



6A8078



000000



808080

Same Dimension

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



7CE8C2



70FFCD



7CDAE8



67736F



00B374



003321

Inverse Universe

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



E87CA2



FF70A2



E88A7C



73676B



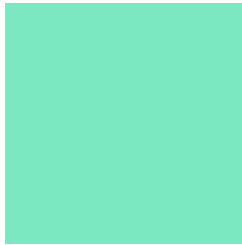
B3003F



330012

Previews

White Background



This preview shows how the Hex color 7CE8C2 looks on a white background.

Color Contrast Check

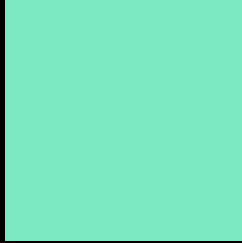
Large Text (above 18pt) WCAG AA × Fail

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 7CE8C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

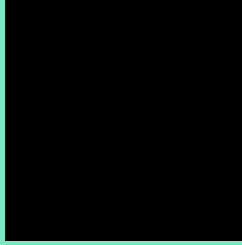
Any Text WCAG AA ✓ Pass

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 7CE8C2 Background



This preview shows how black text looks on a background with the Hex color 7CE8C2.

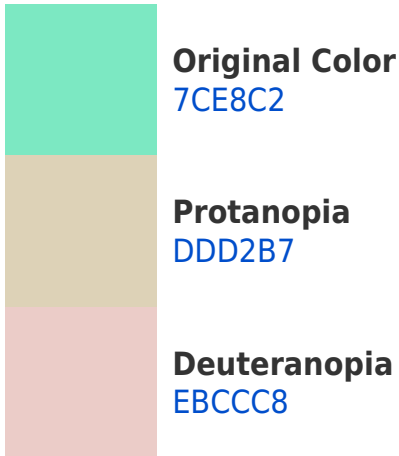


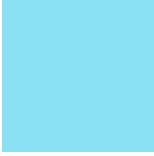
This preview shows how white text looks on a background with the Hex color 7CE8C2.

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
89E1F3

Trichromacy



Original Color
7CE8C2



Protanomaly
BADABB



Deuteranomaly
C3D6C6

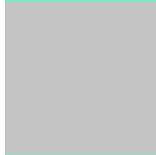


Tritanomaly
84E4E1

Monochromacy



Original Color
7CE8C2



Achromatopsia
C3C3C3



Achromatomaly
A9D0C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CE8C2 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 #7CE8C2 looks like.

```
.text, #text, p{  
    color:#7CE8C2  
}
```

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 #7CE8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE8C2
}
```

Border

The CSS property to change the border of an element to Hex 7CE8C2 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
#7CE8C2 }
```

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

```
.border{ border-color:#7CE8C2 }
```

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

Here you see how a box with a 4 pixel #7CE8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE8C2; -webkit-box-shadow:4px 4px  
4px 4px #7CE8C2; box-shadow:4px 4px 4px  
4px #7CE8C2 }
```

Background

The CSS property to change the background color of an element to Hex 7CE8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE8C2 }
```

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

```
.background{ background-color:#7CE8C2 }
```

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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