

# Converting Colors

Hex(7CE8BC)

Have a look what the booklet for  
Hex(7CE8BC) contains.

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**Color**

**Hex(7CE8BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CE8BC
RGB	124, 232, 188
RGB Percent	49%, 91%, 74%
CMY	0.5137, 0.0902, 0.2627
CMYK	0.47, 0.00, 0.19, 0.09
HSL	156°, 70%, 70%
HSV	156°, 47%, 91%
XYZ	46.2459, 65.6292, 57.8072
YIQ	194.6920, -50.2440, -36.5800

# Conversions

## Conversions Part 2

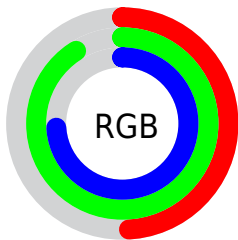
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 192, 232
Decimal	8186044
CIELab	84.81, -41.25, 11.86
CIElCh	85, 42.922, 163.961
Yxy	65.6292, 0.2725, 0.3868
Android (android.graphics.Color)	4286376124 (0xFF7CE8BC)
YUV	194.6920, -3.2992, -61.9969
Hunter-Lab	81.0118, -39.8733, 14.4010

# Details

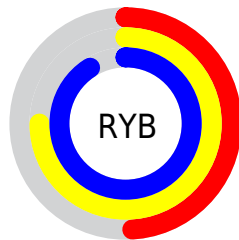
The Hex color **7CE8BC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E87CA8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B6FFF4**, and **41B087** is the 20% darker color. If you saturate the color by 10%, you get **65E8B3**, and if you desaturate by 10%, it is **93E8C5**.

# Distribution



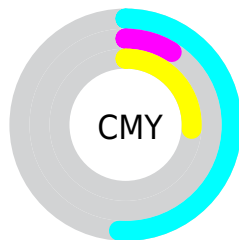
- Red (49%)
- Green (91%)
- Blue (74%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CE8BC 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 7CE8BC by changing the saturation by 10% instead.



 7CE8BC

 7CE8BC

FFFFFF

 5FCCA1

 B6FFF4

 41B087

 D3FFFF

 1E956D

 F0FFFF

 007A55

 00613E

 004828

 003113

 001900

 000000

 7CE8BC

 7CE8BC

 65E8B3

 93E8C5

 4EE8A9

 AAE8CF

 36E8A0

 C2E8D8

 1FE896

 D9E8E2

 08E88D

 F0E8EB

 00E889

 FFE8F5

 FFE8FE

 FFE8FF

# Harmonies

## Analogous

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



AFE298



7CE8BC



46EAE6

# Triad

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



7CE8BC



B8D1FF



FFBC9D

# Complementary

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



7CE8BC



E87CA8

# 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.



FFB5C2



7CE8BC



F1C2FF

# Square

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



7CE8BC



75DEFF



FFB7EB



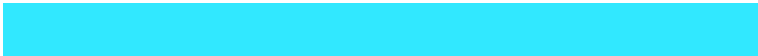
FFCA86

# Rectangle

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



7CE8BC



31E8FF



FFB7EB



FFB9A8

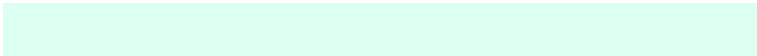


# Sweetspot

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



7CE8BC



DBFFF0



A9E87C



6A8077



000000



808080



# Same Dimension

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



7CE8BC



70FFC5



7CDFE8



67736E



00B36A



00331E



# Inverse Universe

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



E87CA8



FF70AA



E8857C



73676C



B30049



330015



# Previews

## White Background



This preview shows how the Hex color 7CE8BC looks on a white background.

## Color Contrast Check

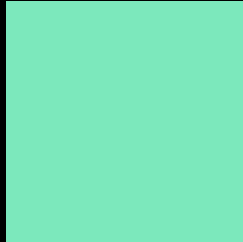
Large Text (above 18pt) WCAG AA × Fail

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 7CE8BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

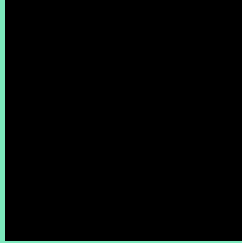
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CE8BC Background



This preview shows how black text looks on a background with the Hex color 7CE8BC.

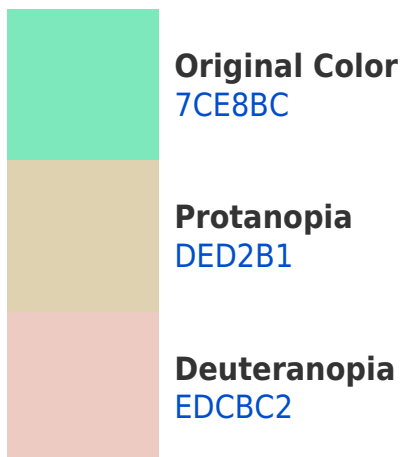


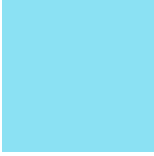
This preview shows how white text looks on a background with the Hex color 7CE8BC.

# 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**  
8BE1F3

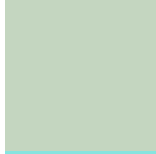
# Trichromacy



**Original Color**  
7CE8BC



**Protanomaly**  
BADAB5



**Deuteranomaly**  
C4D6C0

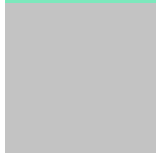


**Tritanomaly**  
86E4DF

# Monochromacy



**Original Color**  
7CE8BC



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A9D0C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CE8BC 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 #7CE8BC looks like.

```
.text, #text, p{  
    color:#7CE8BC  
}
```

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 #7CE8BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE8BC }  
}
```

## Border

The CSS property to change the border of an element to Hex 7CE8BC 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 #7CE8BC }  
}
```

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

```
.border{ border-color:#7CE8BC }
```

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

Here you see how a box with a 4 pixel #7CE8BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE8BC; -webkit-box-shadow:4px 4px  
4px 4px #7CE8BC; box-shadow:4px 4px 4px  
4px #7CE8BC }
```

# Background

The CSS property to change the background color of an element to Hex 7CE8BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE8BC }
```

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

```
.background{ background-color:#7CE8BC }
```

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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