

# Converting Colors

Hex(73E3C8)

Have a look what the booklet for  
Hex(73E3C8) contains.

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**Color**

**Hex(73E3C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73E3C8
RGB	115, 227, 200
RGB Percent	45%, 89%, 78%
CMY	0.5490, 0.1098, 0.2157
CMYK	0.49, 0.00, 0.12, 0.11
HSL	166°, 67%, 67%
HSV	166°, 49%, 89%
XYZ	44.9646, 62.7531, 64.3863
YIQ	190.4340, -58.0850, -32.1410

# Conversions

## Conversions Part 2

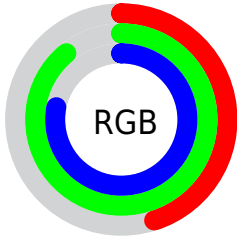
Format	Color
<a href="#">RYB</a>	<a href="#">115, 179, 227</a>
Decimal	<a href="#">7594952</a>
CIELab	<a href="#">83.31, -38.47, 3.36</a>
CIElCh	<a href="#">83, 38.621, 175.012</a>
Yxy	<a href="#">62.7531, 0.2613, 0.3646</a>
Android (android.graphics.Color)	<a href="#">4285785032 (0xFF73E3C8)</a>
YUV	<a href="#">190.4340, 4.7160, -66.1556</a>
Hunter-Lab	<a href="#">79.2169, -37.3104, 7.2618</a>

# Details

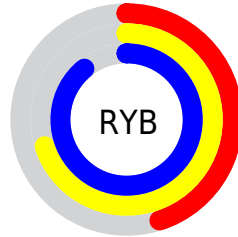
The Hex color **73E3C8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E3738E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ADFFFF**, and **35AB92** is the 20% darker color. If you saturate the color by 10%, you get **5CE3C3**, and if you desaturate by 10%, it is **8AE3CD**.

# Distribution



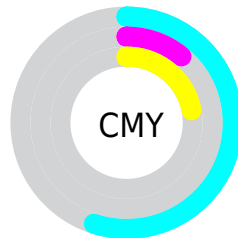
- Red (45%)
- Green (89%)
- Blue (78%)



- Red (45%)
- Yellow (70%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73E3C8 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 73E3C8 by changing the saturation by 10% instead.



 73E3C8

 73E3C8

FFFFFF

 55C7AD

 ADFFFF

 35AB92

 CBFFFF

 019078

 E8FFFF

 007660

 005D48

 004432

 002D1D

 001403

 000000

 73E3C8

 73E3C8

 5CE3C3

 8AE3CD

 46E3BD

 A0E3D3

 2FE3B8

 B7E3D8

 18E3B2

 CEE3DE

 02E3AD

 E5E3E3

 00E3AC

 FBE3E9

 FFE3EE

 FFE3F4

 FFE3F9

# Harmonies

## Analogous

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



9FDFA5



73E3C8



52E3ED

# Triad

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



73E3C8



CCC8FF



FFBF95

# Complementary

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



73E3C8



E3738E

# 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.



FFB6B3



73E3C8



F8BCFA

# Square

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



73E3C8



94D5FF



FFB4D7



EECB87

# Rectangle

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



73E3C8



55E0FF



FFB4D7



FFBB9E

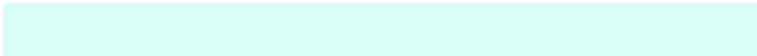


# Sweetspot

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



73E3C8



D9FFF6



8FE373



69807A



000000



808080



# Same Dimension

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



73E3C8



69FFDB



73C7E3



677370



00B387



003327



# Inverse Universe

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



E3738E



FF698D



E38F73



73676A



B3002B

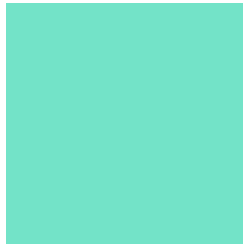


33000C



# Previews

## White Background



This preview shows how the Hex color 73E3C8 looks on a white background.

## Color Contrast Check

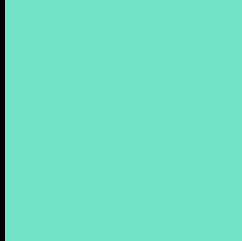
Large Text (above 18pt) WCAG AA × Fail

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 73E3C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

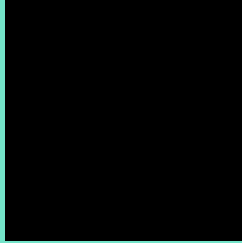
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73E3C8 Background



This preview shows how black text looks on a background with the Hex color 73E3C8.



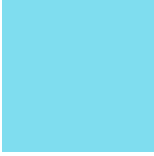
This preview shows how white text looks on a background with the Hex color 73E3C8.

# 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](#).

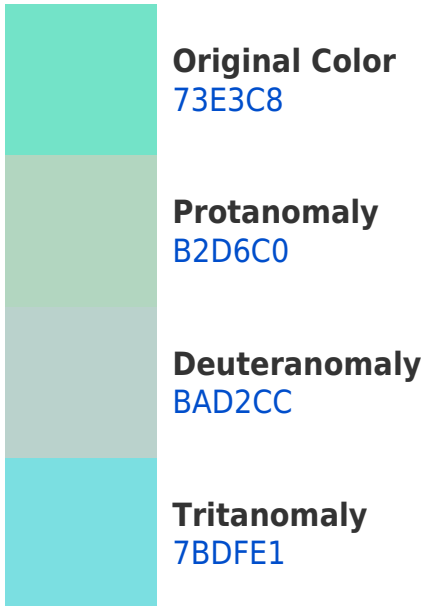
## Dichromacy





**Tritanopia**  
7FDDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73E3C8 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 #73E3C8 looks like.

```
.text, #text, p{  
    color:#73E3C8  
}
```

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 #73E3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73E3C8
}
```

## Border

The CSS property to change the border of an element to Hex 73E3C8 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
#73E3C8 }
```

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

```
.border{ border-color:#73E3C8 }
```

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

Here you see how a box with a 4 pixel #73E3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73E3C8; -webkit-box-shadow:4px 4px  
4px 4px #73E3C8; box-shadow:4px 4px 4px  
4px #73E3C8 }
```

# Background

The CSS property to change the background color of an element to Hex 73E3C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73E3C8 }
```

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

```
.background{ background-color:#73E3C8 }
```

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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