

Converting Colors

Hex(10E4E8)

Have a look what the booklet for
Hex(10E4E8) contains.

Hex(10E4E8)	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(10E4E8)

Conversions

Conversions Part 1

Format	Color
Hex	10E4E8
RGB	16, 228, 232
RGB Percent	6%, 89%, 91%
CMY	0.9373, 0.1059, 0.0902
CMYK	0.93, 0.02, 0.00, 0.09
HSL	181°, 87%, 49%
HSV	181°, 93%, 91%
XYZ	42.5226, 61.4232, 85.9586
YIQ	165.0680, -127.6360, -43.7000

Conversions

Conversions Part 2

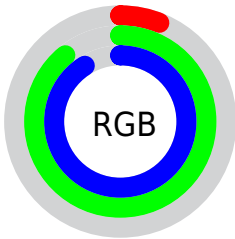
Format	Color
RYB	16, 123, 232
Decimal	1107176
CIELab	82.61, -42.61, -14.83
CIElCh	83, 45.122, 199.194
Yxy	61.4232, 0.2239, 0.3234
Android (android.graphics.Color)	4279297256 (0xFF10E4E8)
YUV	165.0680, 32.9975, -130.7326
Hunter-Lab	78.3729, -40.3044, -10.1676

Details

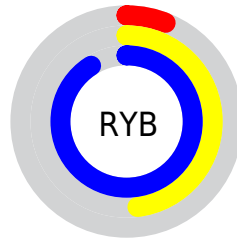
The Hex color **10E4E8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E81410**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **75FFFF**, and **00ACB0** is the 20% darker color. If you saturate the color by 10%, you get **00E4E8**, and if you desaturate by 10%, it is **27E4E8**.

Distribution



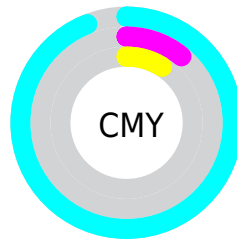
- Red (6%)
- Green (89%)
- Blue (91%)



- Red (6%)
- Yellow (48%)
- Blue (91%)



- Cyan (93%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (94%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10E4E8 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 10E4E8 by changing the saturation by 10% instead.

 10E4E8

 10E4E8

FFFFFF

 00C8CC

 75FFFF

 00ACB0

 97FFFF

 009196

 B8FFFF

 00767C

 D8FFFF

 005D63

 F8FFFF

 00444B

 002E35

 001220

 000005

■ 10E4E8

■ 10E4E8

■ 00E4E8

■ 27E4E8

■ 3EE5E8

■ 56E5E8

■ 6DE6E8

■ 84E6E8

■ 9BE7E8

■ B2E7E8

■ CAE7E8

■ E1E8E8

Harmonies

Analogous

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



65E3BC



10E4E8



0AE0FF

Triad

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



10E4E8



F4B9FF



F7C67A

Complementary

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



10E4E8



E81410

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.



FFB78F



10E4E8



FFAEDF

Square

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



10E4E8



BCC8FF



FFADB4



CED47C

Rectangle

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



10E4E8



56DAFF



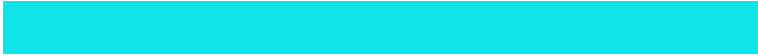
FFADB4



FFC17F

Sweetspot

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



10E4E8



B8FEFF



10E814



547F80



000000



808080

Same Dimension

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



10E4E8



00FAFF



1078E8



677373



00AFB3



003233

Inverse Universe

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



E810E4



FF00FA



E88010



736773



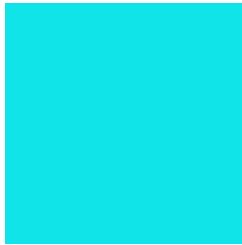
B300AF



330032

Previews

White Background



This preview shows how the Hex color 10E4E8 looks on a white background.

Color Contrast Check

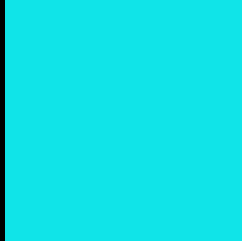
Large Text (above 18pt) WCAG AA × Fail

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 10E4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

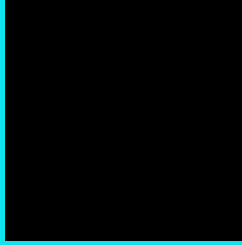
Any Text WCAG AA ✓ Pass

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 10E4E8 Background



This preview shows how black text looks on a background with the Hex color 10E4E8.

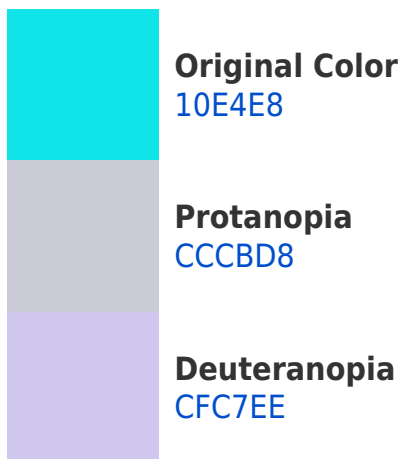


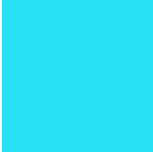
This preview shows how white text looks on a background with the Hex color 10E4E8.

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



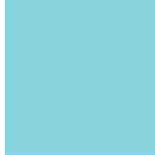


Tritanopia
28E2F4

Trichromacy



Original Color
10E4E8



Protanomaly
88D4DE



Deuteranomaly
8AD2EC



Tritanomaly
1FE3F0

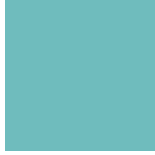
Monochromacy



Original Color
10E4E8



Achromatopsia
A5A5A5



Achromatomaly
6FBCBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 10E4E8 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 #10E4E8 looks like.

```
.text, #text, p{  
    color:#10E4E8  
}
```

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 #10E4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10E4E8
}
```

Border

The CSS property to change the border of an element to Hex 10E4E8 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
#10E4E8 }
```

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

```
.border{ border-color:#10E4E8 }
```

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

Here you see how a box with a 4 pixel #10E4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10E4E8; -webkit-box-shadow:4px 4px  
4px 4px #10E4E8; box-shadow:4px 4px 4px  
4px #10E4E8 }
```

Background

The CSS property to change the background color of an element to Hex 10E4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10E4E8 }
```

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

```
.background{ background-color:#10E4E8 }
```

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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