

Converting Colors

Hex(11E8CA)

Have a look what the booklet for
Hex(11E8CA) contains.

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Color

Hex(11E8CA)

Conversions

Conversions Part 1

Format	Color
Hex	11E8CA
RGB	17, 232, 202
RGB Percent	7%, 91%, 79%
CMY	0.9333, 0.0902, 0.2078
CMYK	0.93, 0.00, 0.13, 0.09
HSL	172°, 86%, 49%
HSV	172°, 93%, 91%
XYZ	39.7484, 62.0967, 65.7680
YIQ	164.2950, -118.5100, -54.9100

Conversions

Conversions Part 2

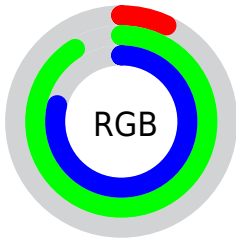
Format	Color
RYB	17, 133, 232
Decimal	1173706
CIELab	82.96, -52.67, 1.57
CIElCh	83, 52.688, 178.297
Yxy	62.0967, 0.2371, 0.3705
Android (android.graphics.Color)	4279363786 (0xFF11E8CA)
YUV	164.2950, 18.5886, -129.1777
Hunter-Lab	78.8014, -47.8648, 5.6773

Details

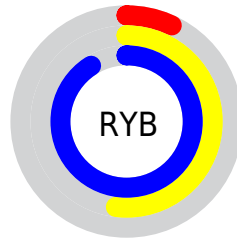
The Hex color **11E8CA** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **E8112F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **72FFFF**, and **00AF94** is the 20% darker color. If you saturate the color by 10%, you get **00E8C8**, and if you desaturate by 10%, it is **28E8CD**.

Distribution



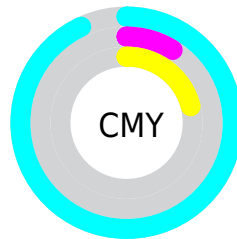
- Red (7%)
- Green (91%)
- Blue (79%)



- Red (7%)
- Yellow (52%)
- Blue (91%)



- Cyan (93%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)





- Cyan (93%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11E8CA 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 11E8CA by changing the saturation by 10% instead.

 11E8CA

 11E8CA

FFFFFF

 00CBAF

 72FFFF

 00AF94

 94FFFF

 00947A

 B5FFFF

 007962

 D4FFFF

 005F4A

 F4FFFF


 004633

 00301E

 001206

 000000

 11E8CA

 11E8CA

 00E8C8

 28E8CD

 3FE8D0

 57E8D4

 6EE8D7

 85E8DA

 9CE8DD

 B3E8E1

 CBE8E4

 E2E8E7

Harmonies

Analogous

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



81E399



11E8CA



00E7FC

Triad

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



11E8CA



CEC3FF



FFB97B

Complementary

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



11E8CA



E8112F

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.



FFAAA2



11E8CA



FFB1FF

Square

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



11E8CA



76D5FF



FFA6D3



F0CB6A

Rectangle

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



11E8CA



00E4FF



FFA6D3



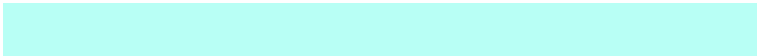
FFB387

Sweetspot

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



11E8CA



B8FFF5



31E811



548079



000000



808080

Same Dimension

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



11E8CA



00FFDB



119DE8



677371



00B39A



00332C

Inverse Universe

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



E8112F



FF0024



E85C11



736769



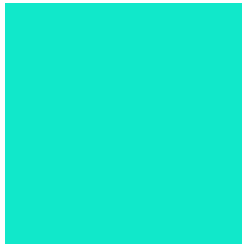
B30019



330007

Previews

White Background



This preview shows how the Hex color 11E8CA looks on a white background.

Color Contrast Check

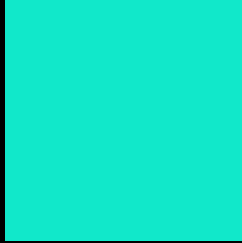
Large Text (above 18pt) WCAG AA × Fail

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 11E8CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

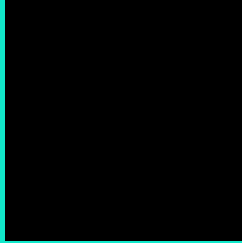
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

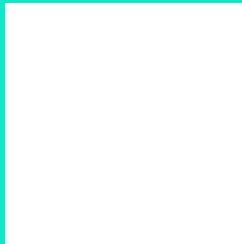
Any Text WCAG AAA ✓ Pass

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

Hex 11E8CA Background



This preview shows how black text looks on a background with the Hex color 11E8CA.

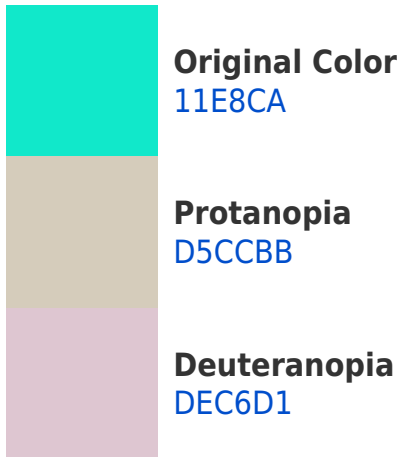


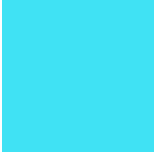
This preview shows how white text looks on a background with the Hex color 11E8CA.

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



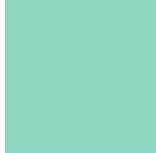


Tritanopia
40E2F4

Trichromacy



Original Color
11E8CA



Protanomaly
8ED6C0

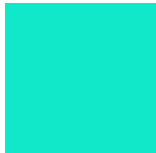


Deuteranomaly
93D2CE

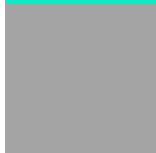


Tritanomaly
2FE4E5

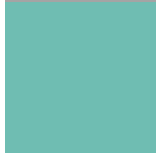
Monochromacy



Original Color
11E8CA



Achromatopsia
A4A4A4



Achromatomaly
6FBDB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 11E8CA 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 #11E8CA looks like.

```
.text, #text, p{  
    color:#11E8CA  
}
```

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 #11E8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11E8CA
}
```

Border

The CSS property to change the border of an element to Hex 11E8CA 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
#11E8CA }
```

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

```
.border{ border-color:#11E8CA }
```

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

Here you see how a box with a 4 pixel #11E8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11E8CA; -webkit-box-shadow:4px 4px  
4px 4px #11E8CA; box-shadow:4px 4px 4px  
4px #11E8CA }
```

Background

The CSS property to change the background color of an element to Hex 11E8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11E8CA }
```

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

```
.background{ background-color:#11E8CA }
```

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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