

Converting Colors

Hex(13E4EC)

Have a look what the booklet for
Hex(13E4EC) contains.

Hex(13E4EC)	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(13E4EC)

Conversions

Conversions Part 1

Format	Color
Hex	13E4EC
RGB	19, 228, 236
RGB Percent	7%, 89%, 93%
CMY	0.9255, 0.1059, 0.0745
CMYK	0.92, 0.03, 0.00, 0.07
HSL	182°, 85%, 50%
HSV	182°, 92%, 93%
XYZ	43.1523, 61.6814, 88.9882
YIQ	166.4210, -127.1320, -41.8200

Conversions

Conversions Part 2

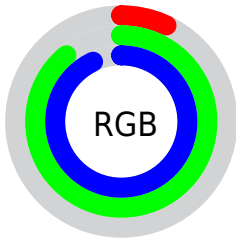
Format	Color
RYB	19, 125, 236
Decimal	1303788
CIELab	82.74, -41.33, -16.74
CIELCh	83, 44.593, 202.054
Yxy	61.6814, 0.2226, 0.3182
Android (android.graphics.Color)	4279493868 (0xFF13E4EC)
YUV	166.4210, 34.3024, -129.2882
Hunter-Lab	78.5375, -39.3641, -12.2033

Details

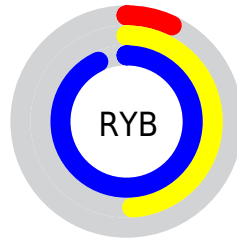
The Hex color **13E4EC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EC1B13**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **76FFFF**, and **00ACB4** is the 20% darker color. If you saturate the color by 10%, you get **00E3EC**, and if you desaturate by 10%, it is **2BE5EC**.

Distribution



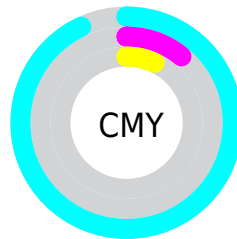
- Red (7%)
- Green (89%)
- Blue (93%)



- Red (7%)
- Yellow (49%)
- Blue (93%)



- Cyan (92%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E4EC 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 13E4EC by changing the saturation by 10% instead.

 13E4EC

 13E4EC


FFFFFF

 00C8D0

 76FFFF

 00ACB4

 98FFFF

 009199

 B9FFFF

 007780

 D9FFFF

 005D66

 F9FFFF

 00444E

 002E38

 001322

 00000A

■ 13E4EC

■ 13E4EC

■ 00E3EC

■ 2BE5EC

■ 42E6EC

■ 5AE7EC

■ 71E7EC

■ 89E8EC

■ A1E9EC

■ B8EAEC

■ D0EBEC

■ E7ECEC

Harmonies

Analogous

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



61E4C1



13E4EC



26DFFF

Triad

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



13E4EC



F8B8FF



F3C87B

Complementary

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



13E4EC



EC1B13

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.



FFB98D



13E4EC



FFAEDB

Square

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



13E4EC



C2C7FF



FFAFB1



CAD57F

Rectangle

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



13E4EC



61D9FF



FFAFB1



FFC37F

Sweetspot

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



13E4EC



B8FCFF



13EC1A



547E80



000000



808080

Same Dimension

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



13E4EC



00F6FF



1378EC



6A7575



00AEB5



003436

Inverse Universe

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



EC13E4



FF00F6



EC8713



756A75



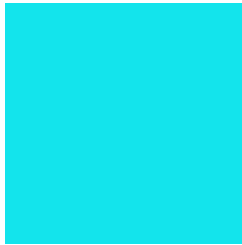
B500AE



360034

Previews

White Background



This preview shows how the Hex color 13E4EC looks on a white background.

Color Contrast Check

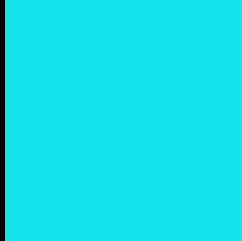
Large Text (above 18pt) WCAG AA × Fail

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 13E4EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

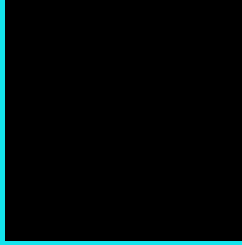
Any Text WCAG AA ✓ Pass

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 13E4EC Background



This preview shows how black text looks on a background with the Hex color 13E4EC.

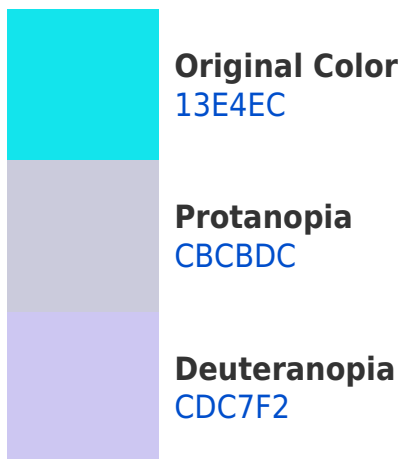


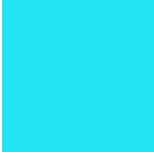
This preview shows how white text looks on a background with the Hex color 13E4EC.

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



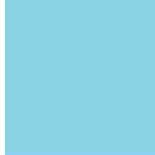


Tritanopia
24E3F5

Trichromacy



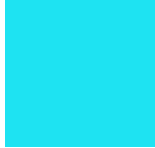
Original Color
13E4EC



Protanomaly
88D4E2



Deuteranomaly
89D2F0

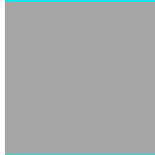


Tritanomaly
1EE3F2

Monochromacy



Original Color
13E4EC



Achromatopsia
A6A6A6



Achromatomaly
71BDBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E4EC 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 #13E4EC looks like.

```
.text, #text, p{  
    color:#13E4EC  
}
```

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 #13E4EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E4EC
}
```

Border

The CSS property to change the border of an element to Hex 13E4EC 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
#13E4EC }
```

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

```
.border{ border-color:#13E4EC }
```

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

Here you see how a box with a 4 pixel #13E4EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E4EC; -webkit-box-shadow:4px 4px  
4px 4px #13E4EC; box-shadow:4px 4px 4px  
4px #13E4EC }
```

Background

The CSS property to change the background color of an element to Hex 13E4EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E4EC }
```

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

```
.background{ background-color:#13E4EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor