

# Converting Colors

Hex(1CEEE8)

Have a look what the booklet for  
Hex(1CEEE8) contains.

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# Color

**Hex(1CEEE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CEEE8
RGB	28, 238, 232
RGB Percent	11%, 93%, 91%
CMY	0.8902, 0.0667, 0.0902
CMYK	0.88, 0.00, 0.03, 0.07
HSL	178°, 86%, 52%
HSV	178°, 88%, 93%
XYZ	45.6189, 67.2221, 86.9147
YIQ	174.5260, -123.2340, -46.3860

# Conversions

## Conversions Part 2

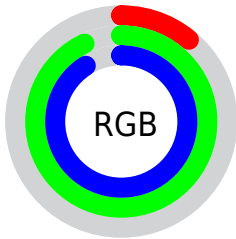
Format	Color
R <sub>Y</sub> B	28, 135, 238
Decimal	1896168
CIE Lab	85.62, -46.52, -10.33
CIE LCh	86, 47.656, 192.516
Yxy	67.2221, 0.2284, 0.3365
Android (android.graphics.Color)	4280086248 (0xFF1CEEE8)
YUV	174.5260, 28.3347, -128.5033
Hunter-Lab	81.9891, -44.1632, -5.4596

# Details

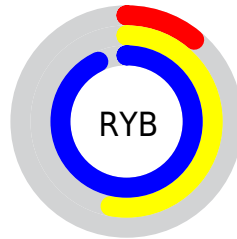
The Hex color **1CEEE8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EE1C22**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **79FFFF**, and **00B5B0** is the 20% darker color. If you saturate the color by 10%, you get **04EEE7**, and if you desaturate by 10%, it is **34EEE9**.

# Distribution



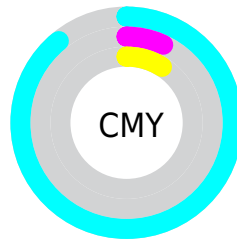
- Red (11%)
- Green (93%)
- Blue (91%)



- Red (11%)
- Yellow (53%)
- Blue (93%)



- Cyan (88%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (89%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CEEE8 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 1CEEE8 by changing the saturation by 10% instead.



 1CEEE8

 1CEEE8

FFFFFF

 00D1CC

 79FFFF

 00B5B0

 9BFFFF

 009A96

 BCFFFF

 007F7C

 DCFFFF

 006563

 FCFFFF

 004C4B

 003435

 001D20

 000007

■ 1CEEE8

■ 1CEEE8

■ 04EEE7

■ 34EEE9

■ 00EEE7

■ 4CEEE9

■ 63EEEA

■ 7BEEEB

■ 93EEEB

■ ABEEEC

■ C3EEED

■ DAEED

■ F2EEEE

# Harmonies

## Analogous

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



74ECB9



1CEEE8



00EBFF

# Triad

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



1CEEE8



F3C3FF



FFCA80

# Complementary

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



1CEEE8



EE1C22

# 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.



FFBB9B



1CEEE8



FFB6F2

# Square

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



1CEEE8



B2D4FF



FFB3C5



E1D97C

# Rectangle

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



1CEEE8



3AE6FF



FFB3C5



FFC587

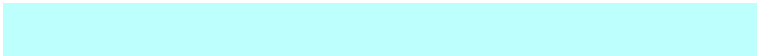


# Sweetspot

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



1CEEE8



BDFFFD



23EE1C



58807E



000000



808080



# Same Dimension

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



1CEEE8



00FFF8



1C8CEE



6C7878



00B8B2



003836



# Inverse Universe

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



EE1C22



FF0007



EE7E1C



786C6C



B80005

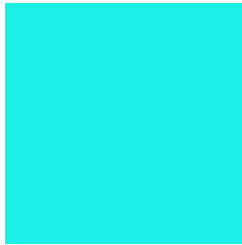


380002



# Previews

## White Background



This preview shows how the Hex color 1CEEE8 looks on a white background.

## Color Contrast Check

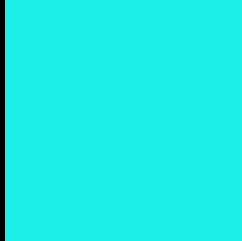
Large Text (above 18pt) WCAG AA × Fail

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 1CEEE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

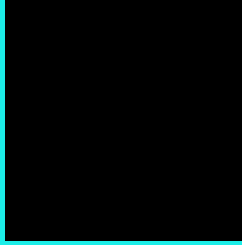
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

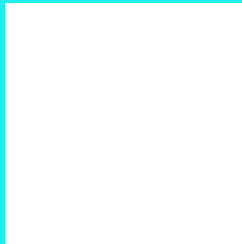
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1CEEE8 Background



This preview shows how black text looks on a background with the Hex color 1CEEE8.

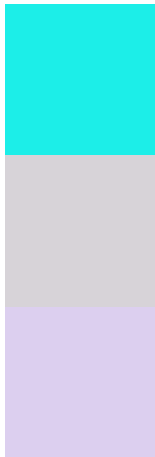


This preview shows how white text looks on a background with the Hex color 1CEEE8.

# 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



**Original Color**  
1CEEE8

**Protanopia**  
D7D3D8

**Deuteranopia**  
DCCFEF



**Tritanopia**  
37EBFE

# Trichromacy



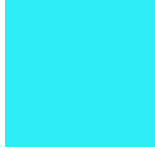
**Original Color**  
1CEEE8



**Protanomaly**  
93DDDE



**Deuteranomaly**  
96DAEC

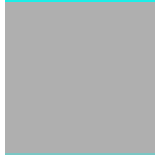


**Tritanomaly**  
2DECF6

# Monochromacy



**Original Color**  
1CEEE8



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
7AC6C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CEEE8 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 #1CEEE8 looks like.

```
.text, #text, p{  
    color:#1CEEE8  
}
```

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 #1CEEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CEEE8
}
```

## Border

The CSS property to change the border of an element to Hex 1CEEE8 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
#1CEEE8 }
```

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

```
.border{ border-color:#1CEEE8 }
```

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

Here you see how a box with a 4 pixel #1CEEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CEEE8; -webkit-box-shadow:4px 4px  
4px 4px #1CEEE8; box-shadow:4px 4px 4px  
4px #1CEEE8 }
```

# Background

The CSS property to change the background color of an element to Hex 1CEEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CEEE8 }
```

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

```
.background{ background-color:#1CEEE8 }
```

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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