

# Converting Colors

Hex(1CE3E2)

Have a look what the booklet for  
Hex(1CE3E2) contains.

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# Color

Hex(1CE3E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CE3E2
RGB	28, 227, 226
RGB Percent	11%, 89%, 89%
CMY	0.8902, 0.1098, 0.1137
CMYK	0.88, 0.00, 0.00, 0.11
HSL	180°, 78%, 50%
HSV	180°, 88%, 89%
XYZ	41.6754, 60.6760, 81.4666
YIQ	167.3850, -118.2830, -42.4990

# Conversions

## Conversions Part 2

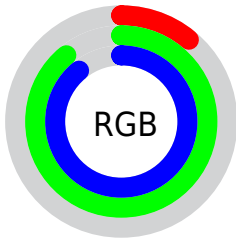
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 128, 227
Decimal	1893346
CIE <sub>Lab</sub>	82.20, -43.44, -12.25
CIE <sub>LCh</sub>	82, 45.134, 195.747
Yxy	60.6760, 0.2267, 0.3301
Android (android.graphics.Color)	4280083426 (0xFF1CE3E2)
YUV	167.3850, 28.8972, -122.2406
Hunter-Lab	77.8948, -40.8145, -7.4823

# Details

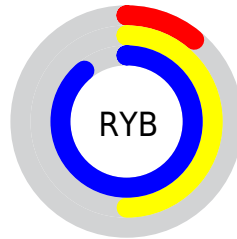
The Hex color **1CE3E2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E31C1D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **77FFFF**, and **00ABAB** is the 20% darker color. If you saturate the color by 10%, you get **05E3E2**, and if you desaturate by 10%, it is **33E3E2**.

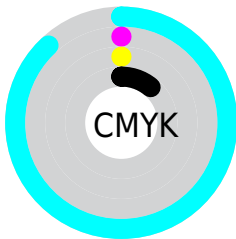
# Distribution



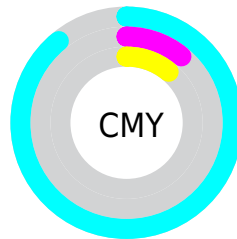
- Red (11%)
- Green (89%)
- Blue (89%)



- Red (11%)
- Yellow (50%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CE3E2 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 1CE3E2 by changing the saturation by 10% instead.



 1CE3E2

 1CE3E2

FFFFFF

 00C7C6

 77FFFF

 00ABAB

 98FFFF

 009090

 B9FFFF

 007577

 D9FFFF

 005C5E

 F8FFFF

 004346

 002D30

 00101C

 000000

■ 1CE3E2

■ 1CE3E2

■ 05E3E2

■ 33E3E2

■ 00E3E2

■ 49E3E2

■ 60E3E2

■ 77E3E2

■ 8EE3E3

■ A4E3E3

■ BBE3E3

■ D2E3E3

■ E8E3E3

# Harmonies

## Analogous

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



6BE2B6



1CE3E2



00DFFF

# Triad

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



1CE3E2



EDB9FF



FAC37A

# Complementary

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



1CE3E2



E31C1D

# 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.



FFB592



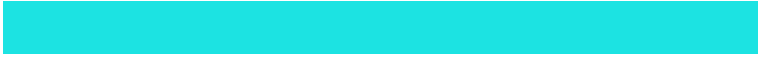
1CE3E2



FFAEE3

# Square

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



1CE3E2



B3C9FF



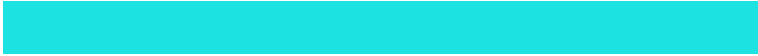
FFACB8



D2D179

# Rectangle

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



1CE3E2



4ADAFF



FFACB8



FFBE80



# Sweetspot

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



1CE3E2



BDFFFF



1FE31C



58807F



000000

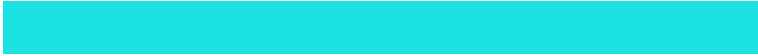


808080



# Same Dimension

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



1CE3E2



00FFFE



1C83E3



677373



00B3B2



003333



# Inverse Universe

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



E31C1D



FF0001



E37C1C



736767



B30001

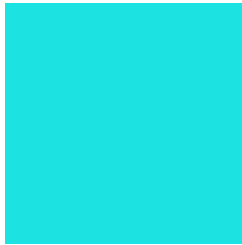


330000



# Previews

## White Background



This preview shows how the Hex color 1CE3E2 looks on a white background.

## Color Contrast Check

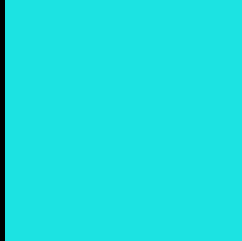
Large Text (above 18pt) WCAG AA × Fail

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 1CE3E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

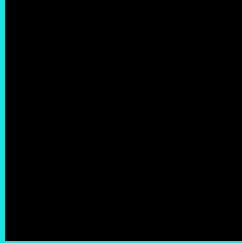
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CE3E2 Background



This preview shows how black text looks on a background with the Hex color 1CE3E2.

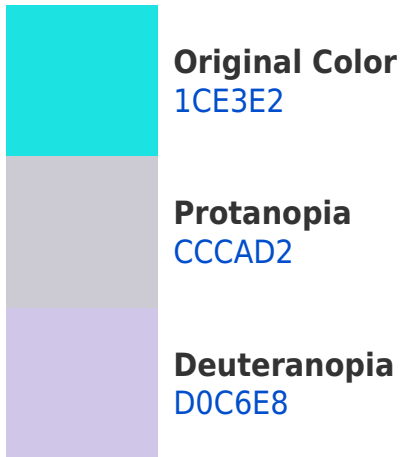


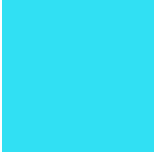
This preview shows how white text looks on a background with the Hex color 1CE3E2.

# 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**  
31E0F3

# Trichromacy



**Original Color**  
1CE3E2



**Protanomaly**  
8CD3D8



**Deuteranomaly**  
8FD1E6

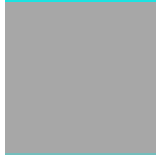


**Tritanomaly**  
29E1ED

# Monochromacy



**Original Color**  
1CE3E2



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
74BDBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CE3E2 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 #1CE3E2 looks like.

```
.text, #text, p{  
    color:#1CE3E2  
}
```

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 #1CE3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CE3E2  
}
```

## Border

The CSS property to change the border of an element to Hex 1CE3E2 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  
#1CE3E2 }
```

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

```
.border{ border-color:#1CE3E2 }
```

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

Here you see how a box with a 4 pixel #1CE3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CE3E2; -webkit-box-shadow:4px 4px  
4px 4px #1CE3E2; box-shadow:4px 4px 4px  
4px #1CE3E2 }
```

# Background

The CSS property to change the background color of an element to Hex 1CE3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CE3E2 }
```

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

```
.background{ background-color:#1CE3E2 }
```

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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