

Converting Colors

Hex(2CE1E1)

Have a look what the booklet for
Hex(2CE1E1) contains.

Hex(2CE1E1)	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(2CE1E1)

Conversions

Conversions Part 1

Format	Color
Hex	2CE1E1
RGB	44, 225, 225
RGB Percent	17%, 88%, 88%
CMY	0.8275, 0.1176, 0.1176
CMYK	0.80, 0.00, 0.00, 0.12
HSL	180°, 75%, 53%
HSV	180°, 80%, 88%
XYZ	41.5545, 59.8221, 80.5908
YIQ	170.8810, -107.8760, -38.3720

Conversions

Conversions Part 2

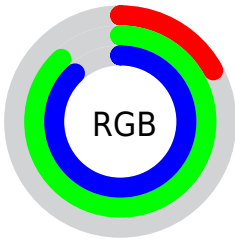
Format	Color
<code>RYB</code>	<code>44, 135, 225</code>
Decimal	<code>2941409</code>
CIELab	<code>81.74, -41.81, -12.39</code>
CIELCh	<code>82, 43.611, 196.511</code>
Yxy	<code>59.8221, 0.2284, 0.3288</code>
Android (<code>android.graphics.Color</code>)	<code>4281131489</code> (<code>0xFF2CE1E1</code>)
YUV	<code>170.8810, 26.6807, -111.2746</code>
Hunter-Lab	<code>77.3448, -39.4518, -7.6370</code>

Details

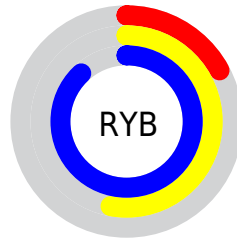
The Hex color **2CE1E1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E12C2C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7CFFFF**, and **00A9AA** is the 20% darker color. If you saturate the color by 10%, you get **16E1E1**, and if you desaturate by 10%, it is **43E1E1**.

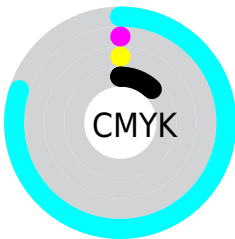
Distribution



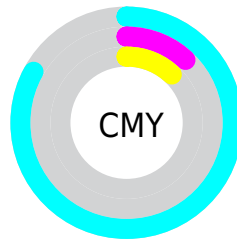
- Red (17%)
- Green (88%)
- Blue (88%)



- Red (17%)
- Yellow (53%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (83%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE1E1 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 2CE1E1 by changing the saturation by 10% instead.

 2CE1E1

 2CE1E1

FFFFFF

 00C5C5

 7CFFFF

 00A9AA

 9DFFFF

 008E8F

 BDFFFF

 007476

 DDFFFF

 005A5D

 FCFFFF

 004246

 002C2F

 000D1B

 000000

■ 2CE1E1

■ 2CE1E1

■ 16E1E1

■ 43E1E1

■ 00E1E1

■ 59E1E1

■ 6FE1E1

■ 86E1E1

■ 9DE1E1

■ B3E1E1

■ CAE1E1

■ E0E1E1

■ F7E1E1

Harmonies

Analogous

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



6CE0B7



2CE1E1



1DDDFE

Triad

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



2CE1E1



ECB8FF



F6C27C

Complementary

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



2CE1E1



E12C2C

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



2CE1E1



FFADDF

Square

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



2CE1E1



B4C7FF



FFACB6



CFD07B

Rectangle

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



2CE1E1



54D8FF



FFACB6



FFBE81

Sweetspot

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



2CE1E1



C2FFFF



2CE12C



5B8080



000000



808080

Same Dimension

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



2CE1E1



08FFFF



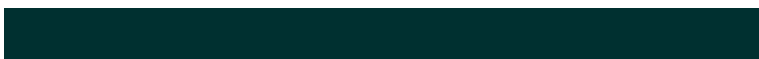
2C86E1



657070



00B0B0



003030

Inverse Universe

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



E12CE1



FF08FF



E1862C



706570



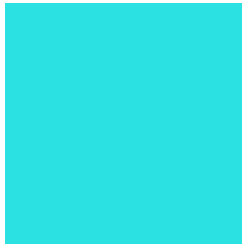
B000B0



300030

Previews

White Background



This preview shows how the Hex color 2CE1E1 looks on a white background.

Color Contrast Check

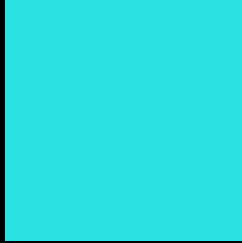
Large Text (above 18pt) WCAG AA × Fail

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 2CE1E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

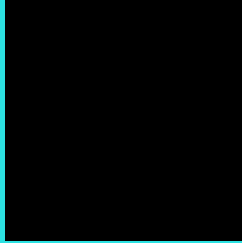
Any Text WCAG AA ✓ Pass

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 2CE1E1 Background



This preview shows how black text looks on a background with the Hex color 2CE1E1.

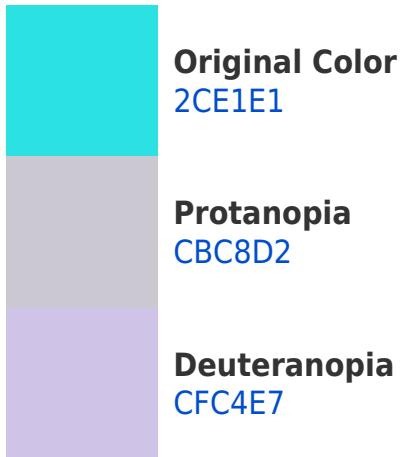


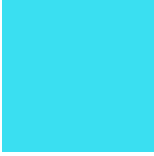
This preview shows how white text looks on a background with the Hex color 2CE1E1.

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
3ADFF1

Trichromacy



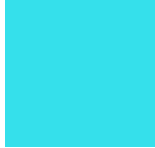
Original Color
2CE1E1



Protanomaly
91D1D7



Deuteranomaly
94CFE5

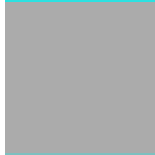


Tritanomaly
35E0EB

Monochromacy



Original Color
2CE1E1



Achromatopsia
ABABAB



Achromatomaly
7DBFBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE1E1 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 #2CE1E1 looks like.

```
.text, #text, p{  
    color:#2CE1E1  
}
```

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 #2CE1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE1E1
}
```

Border

The CSS property to change the border of an element to Hex 2CE1E1 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
#2CE1E1 }
```

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

```
.border{ border-color:#2CE1E1 }
```

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

Here you see how a box with a 4 pixel #2CE1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE1E1; -webkit-box-shadow:4px 4px  
4px 4px #2CE1E1; box-shadow:4px 4px 4px  
4px #2CE1E1 }
```

Background

The CSS property to change the background color of an element to Hex 2CE1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE1E1 }
```

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

```
.background{ background-color:#2CE1E1 }
```

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