

Converting Colors

Hex(2CE3E3)

Have a look what the booklet for
Hex(2CE3E3) contains.

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Color

Hex(2CE3E3)

Conversions

Conversions Part 1

Format	Color
Hex	2CE3E3
RGB	44, 227, 227
RGB Percent	17%, 89%, 89%
CMY	0.8275, 0.1098, 0.1098
CMYK	0.81, 0.00, 0.00, 0.11
HSL	180°, 77%, 53%
HSV	180°, 81%, 89%
XYZ	42.3729, 61.0197, 82.2177
YIQ	172.2830, -109.0680, -38.7960

Conversions

Conversions Part 2

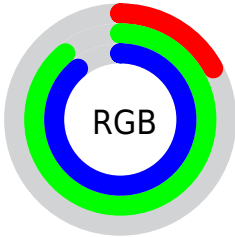
Format	Color
RYB	44, 136, 227
Decimal	2941923
CIELab	82.39, -42.13, -12.49
CIELCh	82, 43.941, 196.509
Yxy	61.0197, 0.2283, 0.3288
Android (android.graphics.Color)	4281132003 (0xFF2CE3E3)
YUV	172.2830, 26.9755, -112.5042
Hunter-Lab	78.1151, -39.8755, -7.7234

Details

The Hex color **2CE3E3** 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 **E32C2C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7DFFFF**, and **00ABAC** is the 20% darker color. If you saturate the color by 10%, you get **15E3E3**, and if you desaturate by 10%, it is **43E3E3**.

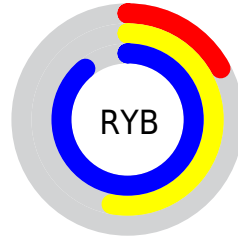
Distribution



Red (17%)

Green (89%)

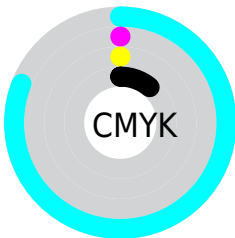
Blue (89%)



Red (17%)

Yellow (53%)

Blue (89%)

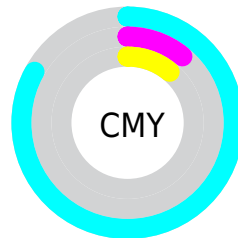


Cyan (81%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (83%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE3E3 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 2CE3E3 by changing the saturation by 10% instead.

 2CE3E3

 2CE3E3

FFFFFF

 00C7C7

 7DFFFF

 00ABAC

 9EFFFF

 009091

 BEFFFF

 007678

 DDFFFF

 005C5F

 FDFFFF

 004347

 002D31

 00111C

 000000

■ 2CE3E3

■ 2CE3E3

■ 15E3E3

■ 43E3E3

■ 00E3E3

■ 59E3E3

■ 70E3E3

■ 87E3E3

■ 9EE3E3

■ B4E3E3

■ CBE3E3

■ E2E3E3

■ F8E3E3

Harmonies

Analogous

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



6DE2B8



2CE3E3



1DDFFF

Triad

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



2CE3E3



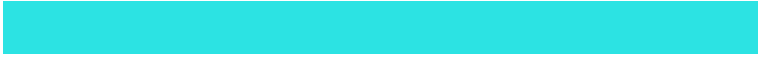
EEBAFF



F8C47D

Complementary

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



2CE3E3



E32C2C

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.



FFB693



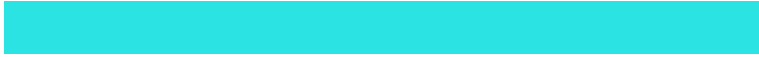
2CE3E3



FFAFE1

Square

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



2CE3E3



B6C9FF



FFADB8



D1D27C

Rectangle

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



2CE3E3



55DAFF



FFADB8



FFBF82

Sweetspot

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



2CE3E3



C2FFFF



2CE32C



5B8080



000000



808080

Same Dimension

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



2CE3E3



08FFFF



2C88E3



677373



00B3B3



003333

Inverse Universe

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



E32CE3



FF08FF



E3882C



736773



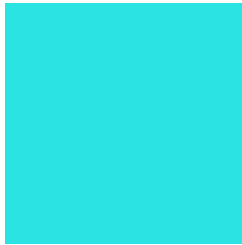
B300B3



330033

Previews

White Background



This preview shows how the Hex color 2CE3E3 looks on a white background.

Color Contrast Check

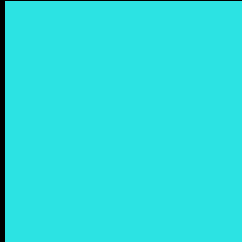
Large Text (above 18pt) WCAG AA × Fail

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 2CE3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

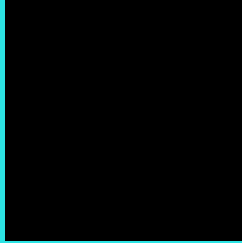
Any Text WCAG AA ✓ Pass

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 2CE3E3 Background



This preview shows how black text looks on a background with the Hex color 2CE3E3.

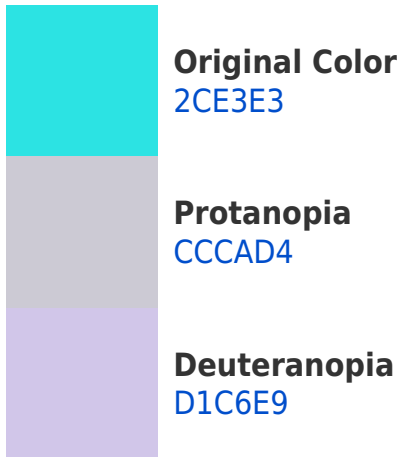


This preview shows how white text looks on a background with the Hex color 2CE3E3.

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
3AE1F3

Trichromacy



Original Color
2CE3E3



Protanomaly
92D3D9



Deuteranomaly
95D1E7

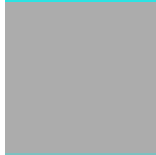


Tritanomaly
35E2ED

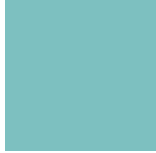
Monochromacy



Original Color
2CE3E3



Achromatopsia
ACACAC



Achromatomaly
7DC0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE3E3 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 #2CE3E3 looks like.

```
.text, #text, p{  
    color:#2CE3E3  
}
```

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 #2CE3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE3E3
}
```

Border

The CSS property to change the border of an element to Hex 2CE3E3 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
#2CE3E3 }
```

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

```
.border{ border-color:#2CE3E3 }
```

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

Here you see how a box with a 4 pixel #2CE3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE3E3; -webkit-box-shadow:4px 4px  
4px 4px #2CE3E3; box-shadow:4px 4px 4px  
4px #2CE3E3 }
```

Background

The CSS property to change the background color of an element to Hex 2CE3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE3E3 }
```

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

```
.background{ background-color:#2CE3E3 }
```

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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