

Converting Colors

Hex(17E4DB)

Have a look what the booklet for
Hex(17E4DB) contains.

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Color

Hex(17E4DB)

Conversions

Conversions Part 1

Format	Color
Hex	17E4DB
RGB	23, 228, 219
RGB Percent	9%, 89%, 86%
CMY	0.9098, 0.1059, 0.1412
CMYK	0.90, 0.00, 0.04, 0.11
HSL	177°, 82%, 49%
HSV	177°, 90%, 89%
XYZ	40.8829, 60.7834, 76.5955
YIQ	165.6790, -119.2910, -46.2590

Conversions

Conversions Part 2

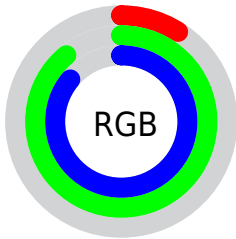
Format	Color
R _Y B	23, 128, 228
Decimal	1565915
CIE Lab	82.26, -46.11, -8.46
CIE LCh	82, 46.881, 190.391
Yxy	60.7834, 0.2293, 0.3410
Android (android.graphics.Color)	4279755995 (0xFF17E4DB)
YUV	165.6790, 26.2873, -125.1295
Hunter-Lab	77.9637, -42.8340, -3.6748

Details

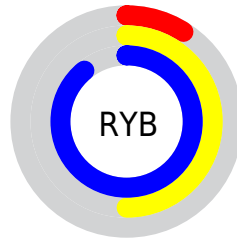
The Hex color **17E4DB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E41720**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **75FFFF**, and **00ACA4** is the 20% darker color. If you saturate the color by 10%, you get **00E4DA**, and if you desaturate by 10%, it is **2EE4DC**.

Distribution



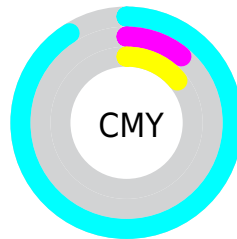
- Red (9%)
- Green (89%)
- Blue (86%)



- Red (9%)
- Yellow (50%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (91%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17E4DB 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 17E4DB by changing the saturation by 10% instead.

 17E4DB

 17E4DB

FFFFFF

 00C8BF

 75FFFF

 00ACA4

 96FFFF

 00918A

 B7FFFF

 007671

 D7FFFF

 005C58

 F7FFFF

 004441

 002D2B

 001017

 000000

■ 17E4DB

■ 17E4DB

■ 00E4DA

■ 2EE4DC

■ 45E4DD

■ 5BE4DE

■ 72E4DF

■ 89E4E0

■ A0E4E1

■ B7E4E2

■ CDE4E3

■ E4E4E4

Harmonies

Analogous

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



71E2AE



17E4DB



00E1FF

Triad

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



17E4DB



E5BBFF



FFC07A

Complementary

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



17E4DB



E41720

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.



FFB196



17E4DB



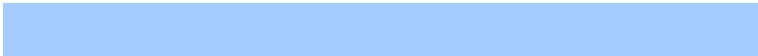
FFAEEB

Square

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



17E4DB



A4CCFF



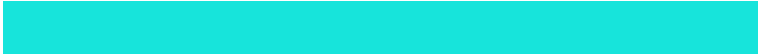
FFAABF



DACF74

Rectangle

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



17E4DB



23DDFF



FFAABF



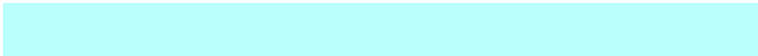
FFBB81

Sweetspot

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



17E4DB



BAFFFC



21E417



57807E



000000



808080

Same Dimension

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



17E4DB



00FFF4



1788E4



677372



00B3AB



003331

Inverse Universe

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



E41720



FF000B



E47317



736768



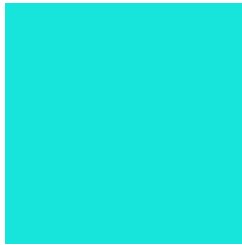
B30008



330002

Previews

White Background



This preview shows how the Hex color 17E4DB looks on a white background.

Color Contrast Check

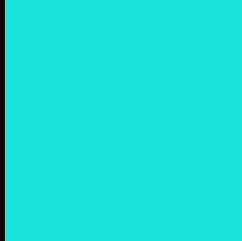
Large Text (above 18pt) WCAG AA × Fail

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 17E4DB 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 17E4DB Background



This preview shows how black text looks on a background with the Hex color 17E4DB.

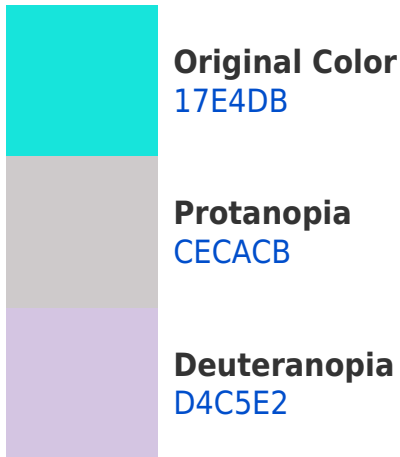


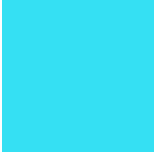
This preview shows how white text looks on a background with the Hex color 17E4DB.

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
35E0F3

Trichromacy



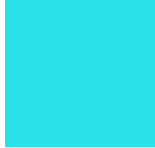
Original Color
17E4DB



Protanomaly
8BD3D1



Deuteranomaly
8FD0DF

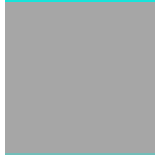


Tritanomaly
2AE1EA

Monochromacy



Original Color
17E4DB



Achromatopsia
A6A6A6



Achromatomaly
72BDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 17E4DB 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 #17E4DB looks like.

```
.text, #text, p{  
    color:#17E4DB  
}
```

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 #17E4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17E4DB
}
```

Border

The CSS property to change the border of an element to Hex 17E4DB 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
#17E4DB }
```

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

```
.border{ border-color:#17E4DB }
```

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

Here you see how a box with a 4 pixel #17E4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17E4DB; -webkit-box-shadow:4px 4px  
4px 4px #17E4DB; box-shadow:4px 4px 4px  
4px #17E4DB }
```

Background

The CSS property to change the background color of an element to Hex 17E4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17E4DB }
```

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

```
.background{ background-color:#17E4DB }
```

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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