

Converting Colors

Hex(17D7D7)

Have a look what the booklet for
Hex(17D7D7) contains.

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Color

Hex(17D7D7)

Conversions

Conversions Part 1

Format	Color
Hex	17D7D7
RGB	23, 215, 215
RGB Percent	9%, 84%, 84%
CMY	0.9098, 0.1569, 0.1569
CMYK	0.89, 0.00, 0.00, 0.16
HSL	180°, 81%, 47%
HSV	180°, 89%, 84%
XYZ	36.9195, 53.6893, 72.7072
YIQ	157.5920, -114.4320, -40.7040

Conversions

Conversions Part 2

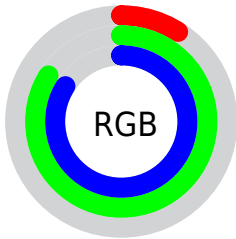
Format	Color
R_{YB}	23, 119, 215
Decimal	1562583
CIE Lab	78.28, -41.56, -12.26
CIE LCh	78, 43.333, 196.434
Yxy	53.6893, 0.2261, 0.3287
Android (android.graphics.Color)	4279752663 (0xFF17D7D7)
YUV	157.5920, 28.3021, -118.0372
Hunter-Lab	73.2730, -38.2883, -7.5411

Details

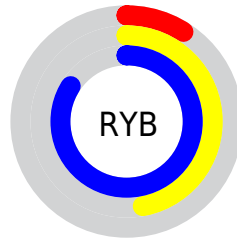
The Hex color **17D7D7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D71717**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFFF**, and **009FA0** is the 20% darker color. If you saturate the color by 10%, you get **01D7D7**, and if you desaturate by 10%, it is **2DD7D7**.

Distribution



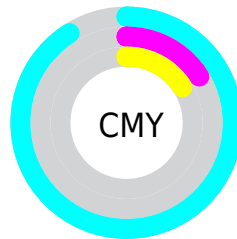
- Red (9%)
- Green (84%)
- Blue (84%)



- Red (9%)
- Yellow (47%)
- Blue (84%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17D7D7 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 17D7D7 by changing the saturation by 10% instead.

 17D7D7

 17D7D7

FFFFFF

 00BBBB

 72FFFF

 009FA0

 93FFFF

 008586

 B3FFFF

 006B6D

 D3FFFF

 005255

 F3FFFF

 003A3E

 002528

 000114

 000000

■ 17D7D7

■ 17D7D7

■ 01D7D7

■ 2DD7D7

■ 00D7D7

■ 42D7D7

■ 57D7D7

■ 6DD7D7

■ 83D7D7

■ 98D7D7

■ AED7D7

■ C3D7D7

■ D9D7D7

Harmonies

Analogous

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



63D6AD



17D7D7



00D4FB

Triad

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



17D7D7



E2AFF9



ECB973

Complementary

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



17D7D7



D71717

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.



FFAB89



17D7D7



FFA4D6

Square

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



17D7D7



ABBEFF



FFA3AD



C6C673

Rectangle

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



17D7D7



48CEFF



FFA3AD



F6B478

Sweetspot

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



17D7D7



BAFFFF



17D717



578080



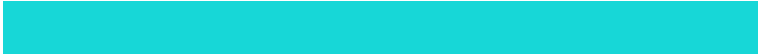
000000



808080

Same Dimension

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



17D7D7



00FFFF



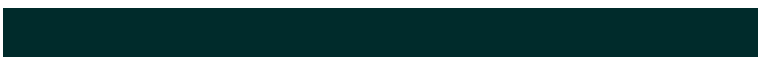
1777D7



606B6B



00ABAB



002B2B

Inverse Universe

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



D717D7



FF00FF



D77717



6B606B



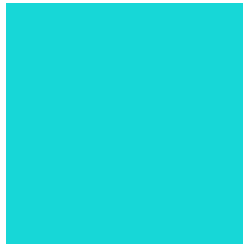
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 17D7D7 looks on a white background.

Color Contrast Check

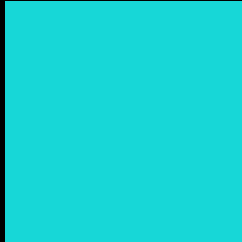
Large Text (above 18pt) WCAG AA × Fail

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 17D7D7 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

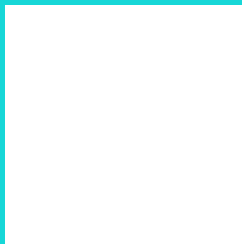
Any Text WCAG AAA ✓ Pass

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

Hex 17D7D7 Background



This preview shows how black text looks on a background with the Hex color 17D7D7.



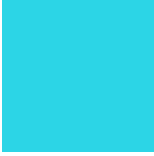
This preview shows how white text looks on a background with the Hex color 17D7D7.

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



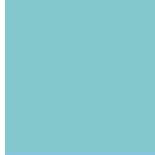


Tritanopia
2CD5E6

Trichromacy



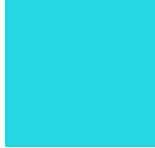
Original Color
17D7D7



Protanomaly
83C8CD



Deuteranomaly
86C5DB



Tritanomaly
24D6E1

Monochromacy



Original Color
17D7D7



Achromatopsia
9E9E9E



Achromatomaly
6DB3B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 17D7D7 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 #17D7D7 looks like.

```
.text, #text, p{  
    color:#17D7D7  
}
```

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 #17D7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17D7D7
}
```

Border

The CSS property to change the border of an element to Hex 17D7D7 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
#17D7D7 }
```

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

```
.border{ border-color:#17D7D7 }
```

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

Here you see how a box with a 4 pixel #17D7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17D7D7; -webkit-box-shadow:4px 4px  
4px 4px #17D7D7; box-shadow:4px 4px 4px  
4px #17D7D7 }
```

Background

The CSS property to change the background color of an element to Hex 17D7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17D7D7 }
```

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

```
.background{ background-color:#17D7D7 }
```

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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