

Converting Colors

Hex(17FFDD)

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

Hex(17FFDD)	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(**17FFDD**)

Conversions

Conversions Part 1

Format	Color
Hex	17FFDD
RGB	23, 255, 221
RGB Percent	9%, 100%, 87%
CMY	0.9098, 0.0000, 0.1333
CMYK	0.91, 0.00, 0.13, 0.00
HSL	171°, 100%, 55%
HSV	171°, 91%, 100%
XYZ	49.1645, 76.9226, 80.6629
YIQ	181.7560, -127.3580, -59.7580

Conversions

Conversions Part 2

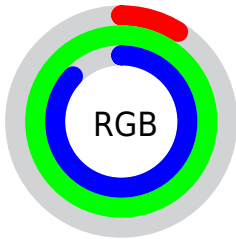
Format	Color
R _Y B	23, 148, 255
Decimal	1572829
CIE Lab	90.29, -56.76, 2.28
CIE LCh	90, 56.809, 177.696
Yxy	76.9226, 0.2378, 0.3721
Android (android.graphics.Color)	4279762909 (0xFF17FFDD)
YUV	181.7560, 19.3473, -139.2290
Hunter-Lab	87.7055, -53.4242, 6.8648

Details

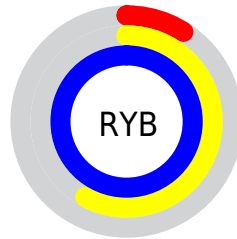
The Hex color **17FFDD** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1739**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **7AFFFF**, and **00C5A6** is the 20% darker color. If you saturate the color by 10%, you get **00FFDA**, and if you desaturate by 10%, it is **31FFE1**.

Distribution



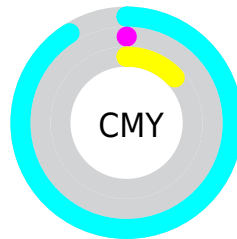
- Red (9%)
- Green (100%)
- Blue (87%)



- Red (9%)
- Yellow (58%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 17FFDD

 17FFDD

FFFFFF

 00E2C1

 7AFFFF

 00C5A6

 9CFFFF

 00A98C

 BEFFFF

 008E72

 DEFFFF

 00735A

FEFFFF

 005942

 00402C

 002918

 000200

■ 17FFDD

■ 17FFDD

■ 00FFDA

■ 31FFE1

■ 4AFFE4

■ 63FFE8

■ 7DFFEC

■ 96FFF0

■ B0FFF3

■ CAFFF7

■ E3FFFB

■ FCFFFF

Harmonies

Analogous

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



8FFAA7



17FFDD



00FEFF

Triad

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



17FFDD



E1D7FF



FFCB89

Complementary

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



17FFDD



FF1739

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.



FFBBB4



17FFDD



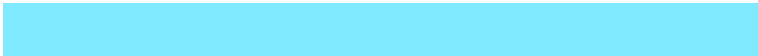
FFC3FF

Square

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



17FFDD



7FEAFF



FFB7EA



FFDF74

Rectangle

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



17FFDD



00BFFF



FFB7EA



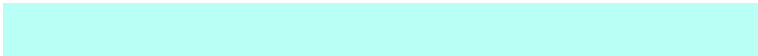
FFC595

Sweetspot

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



17FFDD



BAFFF5



3AFF17



57807A



000000



808080

Same Dimension

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



17FFDD



00FFDA



17AEFF



73807E



00BFA3



004036

Inverse Universe

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



FF1739



FF0025



FF6817



807375



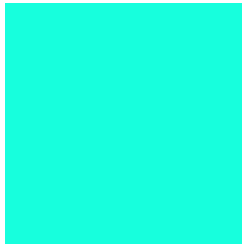
BF001C



400009

Previews

White Background



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

Color Contrast Check

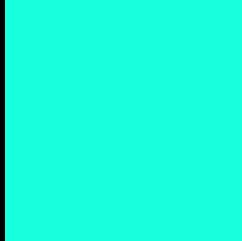
Large Text (above 18pt) WCAG AA × Fail

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 17FFDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

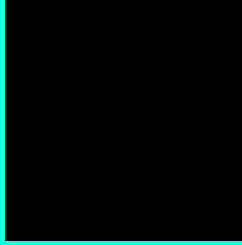
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

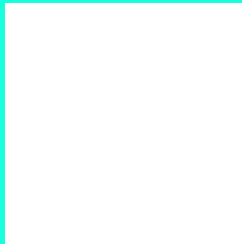
Any Text WCAG AAA ✓ Pass

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

Hex 17FFDD Background



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

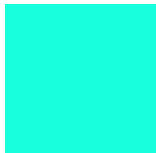


This preview shows how white text looks on a background with the Hex color 17FFDD.

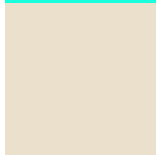
Color Blindness Simulation

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](#).

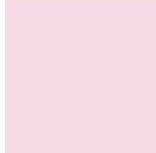
Dichromacy



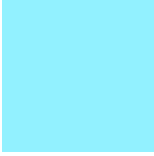
Original Color
17FFDD



Protanopia
EAE0CC



Deuteranopia
F5DAE5

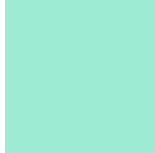


Tritanopia
92F1FF

Trichromacy



Original Color
17FFDD



Protanomaly
9DEBD2



Deuteranomaly
A4E7E2

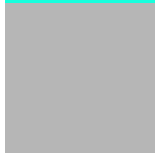


Tritanomaly
65F6F3

Monochromacy



Original Color
17FFDD



Achromatopsia
B6B6B6



Achromatomaly
7CD1C4

CSS Examples

Text

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

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

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 #17FFDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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