

Converting Colors

Hex(17D6E5)

Have a look what the booklet for
Hex(17D6E5) contains.

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Color

Hex(17D6E5)

Conversions

Conversions Part 1

Format	Color
Hex	17D6E5
RGB	23, 214, 229
RGB Percent	9%, 84%, 90%
CMY	0.9098, 0.1608, 0.1020
CMYK	0.90, 0.07, 0.00, 0.10
HSL	184°, 82%, 49%
HSV	184°, 90%, 90%
XYZ	38.5428, 53.9324, 82.5073
YIQ	158.6010, -118.6510, -35.8270

Conversions

Conversions Part 2

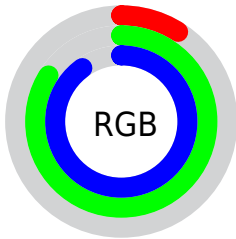
Format	Color
RYB	23, 122, 229
Decimal	1562341
CIELab	78.42, -36.90, -19.54
CIELCh	78, 41.758, 207.899
Yxy	53.9324, 0.2203, 0.3082
Android (android.graphics.Color)	4279752421 (0xFF17D6E5)
YUV	158.6010, 34.7067, -118.9221
Hunter-Lab	73.4387, -34.8357, -15.2044

Details

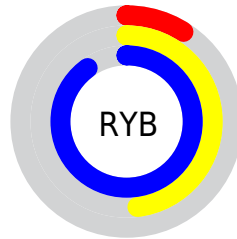
The Hex color **17D6E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E52617**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **74FFFF**, and **009FAE** is the 20% darker color. If you saturate the color by 10%, you get **00D4E5**, and if you desaturate by 10%, it is **2ED8E5**.

Distribution



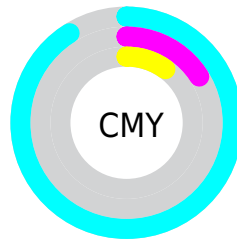
- Red (9%)
- Green (84%)
- Blue (90%)



- Red (9%)
- Yellow (48%)
- Blue (90%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (91%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17D6E5 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 17D6E5 by changing the saturation by 10% instead.

 17D6E5

 17D6E5

FFFFFF

 00BAC9

 74FFFF

 009FAE

 95FFFF

 008493

 B6FFFF

 006A79

 D5FFFF

 005160

 F5FFFF

 003949

 002532

 00021D

 000000

■ 17D6E5

■ 17D6E5

■ 00D4E5

■ 2ED8E5

■ 45D9E5

■ 5CDBE5

■ 73DDE5

■ 8ADEE5

■ A0E0E5

■ B7E2E5

■ CEE3E5

■ E5E5E5

Harmonies

Analogous

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



53D7BE



17D6E5



3DD1FF

Triad

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



17D6E5



F0ABEC



DEBF74

Complementary

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



17D6E5



E52617

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.



FDB181



17D6E5



FFA4C6

Square

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



17D6E5



C2B9FF



FFA6A0



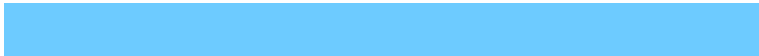
B6CB7C

Rectangle

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



17D6E5



6DCBFF



FFA6A0



E9BA76

Sweetspot

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



17D6E5



BAFAFF



17E525



577D80



000000



808080

Same Dimension

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



17D6E5



00ECFF



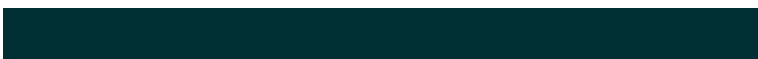
1770E5



677273



00A6B3



002F33

Inverse Universe

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



E517D6



FF00EC



E58C17



736772



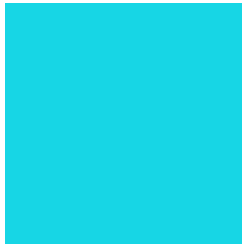
B300A6



33002F

Previews

White Background



This preview shows how the Hex color 17D6E5 looks on a white background.

Color Contrast Check

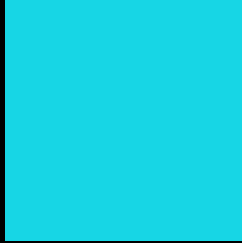
Large Text (above 18pt) WCAG AA × Fail

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 17D6E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

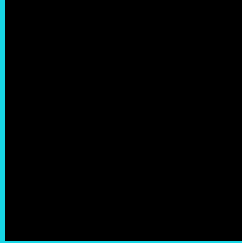
Any Text WCAG AA ✓ Pass

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 17D6E5 Background



This preview shows how black text looks on a background with the Hex color 17D6E5.

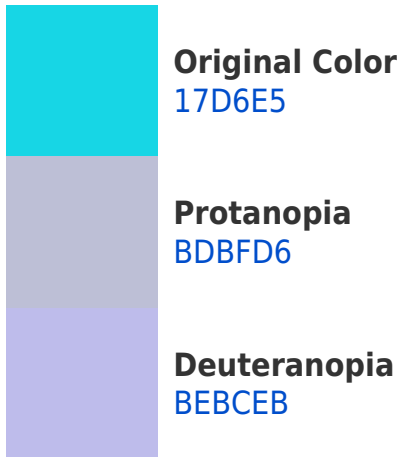


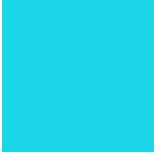
This preview shows how white text looks on a background with the Hex color 17D6E5.

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
1BD6E7

Trichromacy



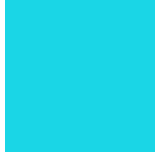
Original Color
17D6E5



Protanomaly
81C7DB



Deuteranomaly
81C5E9

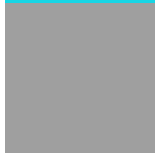


Tritanomaly
1AD6E6

Monochromacy



Original Color
17D6E5



Achromatopsia
9F9F9F



Achromatomaly
6EB3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 17D6E5 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 #17D6E5 looks like.

```
.text, #text, p{  
    color:#17D6E5  
}
```

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 #17D6E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17D6E5
}
```

Border

The CSS property to change the border of an element to Hex 17D6E5 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
#17D6E5 }
```

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

```
.border{ border-color:#17D6E5 }
```

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

Here you see how a box with a 4 pixel #17D6E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17D6E5; -webkit-box-shadow:4px 4px  
4px 4px #17D6E5; box-shadow:4px 4px 4px  
4px #17D6E5 }
```

Background

The CSS property to change the background color of an element to Hex 17D6E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17D6E5 }
```

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

```
.background{ background-color:#17D6E5 }
```

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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