

Converting Colors

Hex(17BEE3)

Have a look what the booklet for
Hex(17BEE3) contains.

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Color

Hex(17BEE3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 17BEE3 |
| RGB | 23, 190, 227 |
| RGB Percent | 9%, 75%, 89% |
| CMY | 0.9098, 0.2549, 0.1098 |
| CMYK | 0.90, 0.16, 0.00, 0.11 |
| HSL | 191°, 82%, 49% |
| HSV | 191°, 90%, 89% |
| XYZ | 32.6319, 42.5551, 79.1671 |
| YIQ | 144.2850, -111.4090, -23.8970 |

Conversions

Conversions Part 2

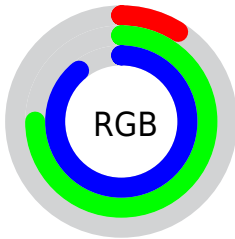
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 23, 115, 227 |
| Decimal | 1556195 |
| CIE _{Lab} | 71.25, -25.98, -29.41 |
| CIE _{LCh} | 71, 39.237, 228.546 |
| Yxy | 42.5551, 0.2114, 0.2757 |
| Android (android.graphics.Color) | 4279746275 (0xFF17BEE3) |
| YUV | 144.2850, 40.7785, -106.3669 |
| Hunter-Lab | 65.2343, -24.8695, -26.2892 |

Details

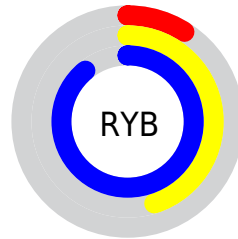
The Hex color **17BEE3** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E33C17**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71F7FF**, and **0088AB** is the 20% darker color. If you saturate the color by 10%, you get **00BAE3**, and if you desaturate by 10%, it is **2EC2E3**.

Distribution



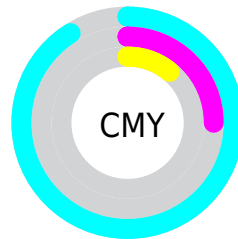
- Red (9%)
- Green (75%)
- Blue (89%)



- Red (9%)
- Yellow (45%)
- Blue (89%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17BEE3 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 17BEE3 by changing the saturation by 10% instead.

 17BEE3


 17BEE3


FFFFFF

 00A3C7


 71F7FF

 0088AB

 91FFFF

 006F91

 B1FFFF

 005677

 D1FFFF

 003E5E

 F0FFFF

 002846

 000C30

 00011A

 000000

■ 17BEE3

■ 17BEE3

■ 00BAE3

■ 2EC2E3

■ 44C6E3

■ 5BCAE3

■ 72CEE3

■ 88D3E3

■ 9FD7E3

■ B6DBE3

■ CDDFE3

■ E3E3E3

Harmonies

Analogous

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



1CC1C4



17BEE3



61B6F4

Triad

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



17BEE3



EB94BE



B0B369

Complementary

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



17BEE3



E33C17

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.



D2A868



17BEE3



F49399

Square

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



17BEE3



CE9DDE



EB9B7A



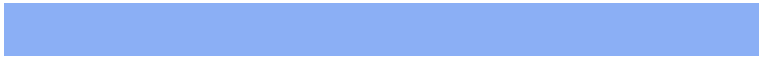
87BC7E

Rectangle

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



17BEE3



8BAFF5



EB9B7A



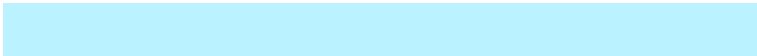
BCB067

Sweetspot

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



17BEE3



BAF3FF



17E339



577880



000000



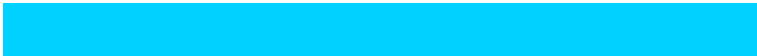
808080

Same Dimension

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



17BEE3



00D1FF



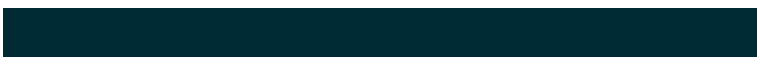
175BE3



677173



0092B3



002A33

Inverse Universe

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



E317BE



FF00D1



E39F17



736771



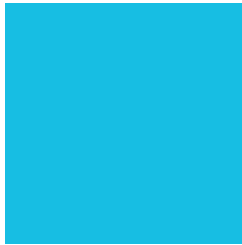
B30092



33002A

Previews

White Background



This preview shows how the Hex color 17BEE3 looks on a white background.

Color Contrast Check

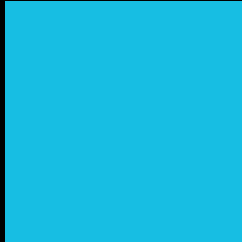
Large Text (above 18pt) WCAG AA × Fail

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 17BEE3 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 17BEE3 Background



This preview shows how black text looks on a background with the Hex color 17BEE3.



This preview shows how white text looks on a background with the Hex color 17BEE3.

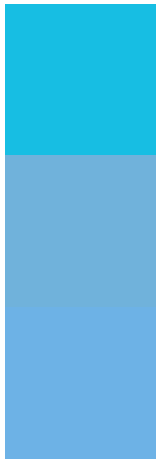
Color Blindness Simulation

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



Trichromacy



Original Color
17BEE3

Protanomaly
70B2DB

Deuteranomaly
6DB2E6

Monochromacy



Original Color
17BEE3

Achromatopsia
909090

Achromatomaly
64A1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 17BEE3 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 #17BEE3 looks like.

```
.text, #text, p{  
    color:#17BEE3  
}
```

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 #17BEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17BEE3
}
```

Border

The CSS property to change the border of an element to Hex 17BEE3 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
#17BEE3 }
```

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

```
.border{ border-color:#17BEE3 }
```

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

Here you see how a box with a 4 pixel #17BEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17BEE3; -webkit-box-shadow:4px 4px  
4px 4px #17BEE3; box-shadow:4px 4px 4px  
4px #17BEE3 }
```

Background

The CSS property to change the background color of an element to Hex 17BEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17BEE3 }
```

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

```
.background{ background-color:#17BEE3 }
```

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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