

Converting Colors

Hex(17B4E7)

Have a look what the booklet for
Hex(17B4E7) contains.

Hex(17B4E7)	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(17B4E7)

Conversions

Conversions Part 1

Format	Color
Hex	17B4E7
RGB	23, 180, 231
RGB Percent	9%, 71%, 91%
CMY	0.9098, 0.2941, 0.0941
CMYK	0.90, 0.22, 0.00, 0.09
HSL	195°, 82%, 50%
HSV	195°, 90%, 91%
XYZ	31.0984, 38.5942, 81.4117
YIQ	138.8710, -109.9430, -17.4230

Conversions

Conversions Part 2

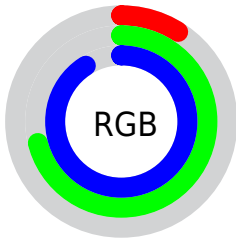
Format	Color
RYB	23, 112, 231
Decimal	1553639
CIELab	68.46, -19.50, -35.91
CIELCh	68, 40.864, 241.500
Yxy	38.5942, 0.2058, 0.2554
Android (android.graphics.Color)	4279743719 (0xFF17B4E7)
YUV	138.8710, 45.4196, -101.6189
Hunter-Lab	62.1242, -19.3631, -34.2106

Details

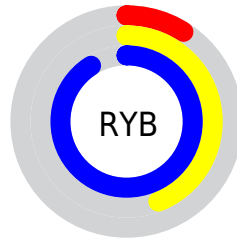
The Hex color **17B4E7** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E74A17**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70ECFF**, and **007FAF** is the 20% darker color. If you saturate the color by 10%, you get **00AEE7**, and if you desaturate by 10%, it is **2EBAE7**.

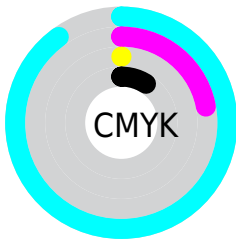
Distribution



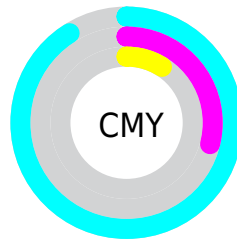
- Red (9%)
- Green (71%)
- Blue (91%)



- Red (9%)
- Yellow (44%)
- Blue (91%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B4E7 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 17B4E7 by changing the saturation by 10% instead.

 17B4E7

 17B4E7

FFFFFF

 0099CB

 70ECFF

 007FAF

 91FFFF

 006694

 B1FFFF

 004E7A

 D0FFFF

 003761

 F0FFFF

 002249

 000432

 00021C

 000000

■ 17B4E7

■ 17B4E7

■ 00AEE7

■ 2EBAE7

■ 45BFE7

■ 5CC5E7

■ 73CBE7

■ 8BD0E7

■ A2D6E7

■ B9DCE7

■ D0E1E7

■ E7E7E7

Harmonies

Analogous

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



00B9CC



17B4E7



71AAF0

Triad

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



17B4E7



EC89A6



96B066

Complementary

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



17B4E7



E74A17

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.



BDA55C



17B4E7



EC8D82

Square

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



17B4E7



D790CB



DB9867



69B782

Rectangle

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



17B4E7



9BA1EC



DB9867



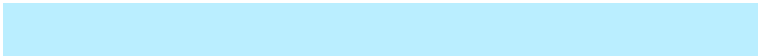
A4AD61

Sweetspot

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



17B4E7



BAE EFF



17E748



577580



000000



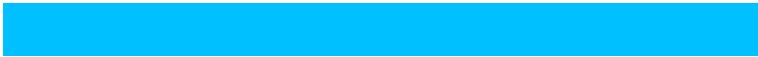
808080

Same Dimension

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



17B4E7



00C0FF



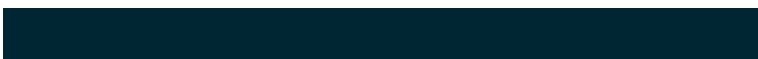
174EE7



677073



0087B3



002633

Inverse Universe

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



E717B4



FF00C0



E7B017



736770



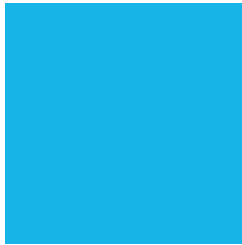
B30087



330026

Previews

White Background



This preview shows how the Hex color 17B4E7 looks on a white background.

Color Contrast Check

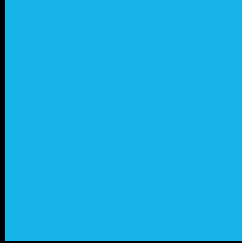
Large Text (above 18pt) WCAG AA × Fail

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 17B4E7 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 17B4E7 Background



This preview shows how black text looks on a background with the Hex color 17B4E7.

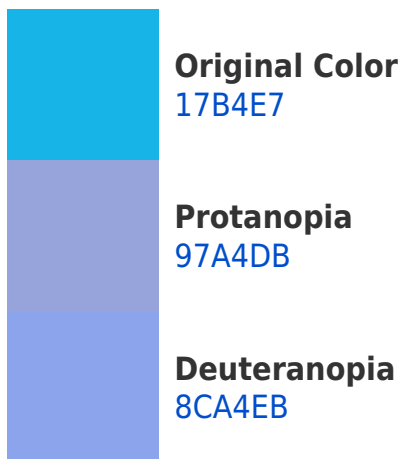


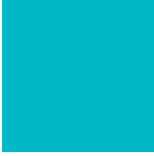
This preview shows how white text looks on a background with the Hex color 17B4E7.

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](#).

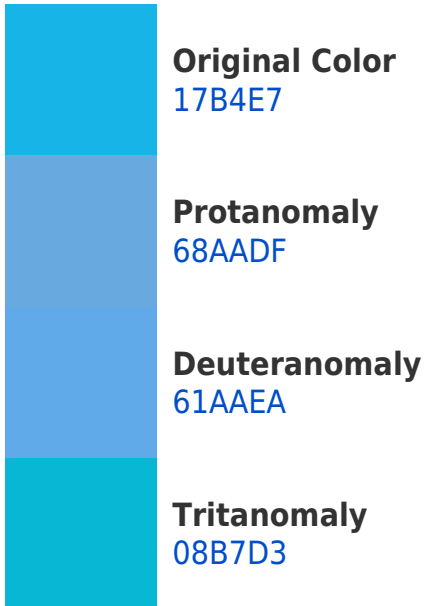
Dichromacy





Tritanopia
00B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17B4E7 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 #17B4E7 looks like.

```
.text, #text, p{  
    color:#17B4E7  
}
```

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 #17B4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B4E7
}
```

Border

The CSS property to change the border of an element to Hex 17B4E7 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
#17B4E7 }
```

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

```
.border{ border-color:#17B4E7 }
```

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

Here you see how a box with a 4 pixel #17B4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B4E7; -webkit-box-shadow:4px 4px  
4px 4px #17B4E7; box-shadow:4px 4px 4px  
4px #17B4E7 }
```

Background

The CSS property to change the background color of an element to Hex 17B4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B4E7 }
```

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

```
.background{ background-color:#17B4E7 }
```

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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