

Converting Colors

Hex(1EBBE3)

Have a look what the booklet for
Hex(1EBBE3) contains.

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Color

Hex(1EBBE3)

Conversions

Conversions Part 1

Format	Color
Hex	1EBBE3
RGB	30, 187, 227
RGB Percent	12%, 73%, 89%
CMY	0.8824, 0.2667, 0.1098
CMYK	0.87, 0.18, 0.00, 0.11
HSL	192°, 78%, 50%
HSV	192°, 87%, 89%
XYZ	32.1709, 41.3627, 78.9613
YIQ	144.6170, -106.4120, -20.8440

Conversions

Conversions Part 2

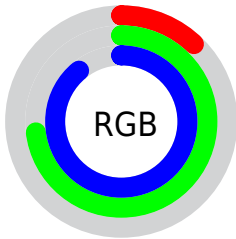
Format	Color
R _{YB}	30, 117, 227
Decimal	2014179
CIE Lab	70.43, -24.09, -30.67
CIE LCh	70, 38.998, 231.856
Yxy	41.3627, 0.2110, 0.2712
Android (android.graphics.Color)	4280204259 (0xFF1EBBE3)
YUV	144.6170, 40.6148, -100.5191
Hunter-Lab	64.3139, -23.2605, -27.7735

Details

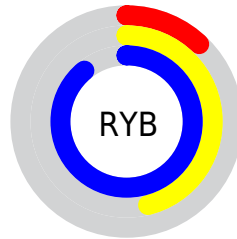
The Hex color **1EBBE3** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E3461E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **72F3FF**, and **0086AB** is the 20% darker color. If you saturate the color by 10%, you get **07B6E3**, and if you desaturate by 10%, it is **35C0E3**.

Distribution



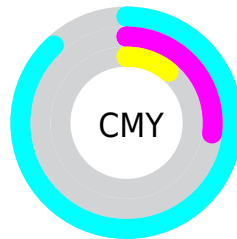
- Red (12%)
- Green (73%)
- Blue (89%)



- Red (12%)
- Yellow (46%)
- Blue (89%)



- Cyan (87%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (88%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EBBE3 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 1EBBE3 by changing the saturation by 10% instead.

 1EBBE3

 1EBBE3

FFFFFF

 00A0C7

 72F3FF

 0086AB

 93FFFF

 006C91

 B3FFFF

 005477

 D2FFFF

 003C5E

 F1FFFF

 002646

 000730

 00011A

 000000

■ 1EBBE3

■ 1EBBE3

■ 07B6E3

■ 35C0E3

■ 00B5E3

■ 4BC4E3

■ 62C9E3

■ 79CDE3

■ 90D2E3

■ A6D7E3

■ BDDBE3

■ D4E0E3

■ EAE4E3

Harmonies

Analogous

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



0FBFC5



1EBBE3



66B3F2

Triad

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



1EBBE3



EA91B7



A9B269

Complementary

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



1EBBE3



E3461E

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.



CCA766



1EBBE3



F19294

Square

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



1EBBE3



D09AD8



E69B76



80BA7F

Rectangle

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



1EBBE3



90ABF1



E69B76



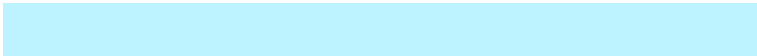
B6AF66

Sweetspot

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



1EBBE3



BDF2FF



1EE345



587780



000000



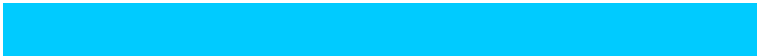
808080

Same Dimension

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



1EBBE3



00CBFF



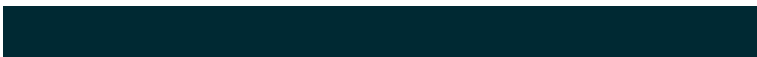
1E59E3



677073



008EB3



002933

Inverse Universe

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



E31EBB



FF00CB



E3A81E



736770



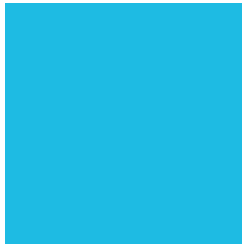
B3008E



330029

Previews

White Background



This preview shows how the Hex color 1EBBE3 looks on a white background.

Color Contrast Check

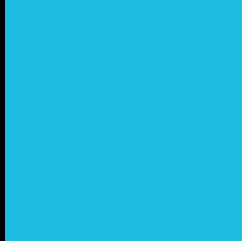
Large Text (above 18pt) WCAG AA × Fail

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 1EBBE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

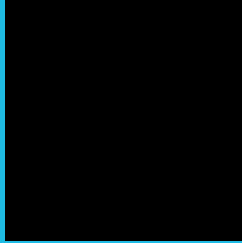
Any Text WCAG AA ✓ Pass

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 1EBBE3 Background



This preview shows how black text looks on a background with the Hex color 1EBBE3.



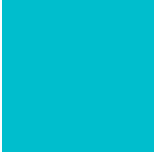
This preview shows how white text looks on a background with the Hex color 1EBBE3.

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
1EBBE3



Protanomaly
71B0DB



Deuteranomaly
6DB0E6



Tritanomaly
0BBDD5

Monochromacy



Original Color
1EBBE3



Achromatopsia
919191



Achromatomaly
67A0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EBBE3 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 #1EBBE3 looks like.

```
.text, #text, p{  
    color:#1EBBE3  
}
```

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 #1EBBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBBE3
}
```

Border

The CSS property to change the border of an element to Hex 1EBBE3 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
#1EBBE3 }
```

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

```
.border{ border-color:#1EBBE3 }
```

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

Here you see how a box with a 4 pixel #1EBBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBBE3; -webkit-box-shadow:4px 4px  
4px 4px #1EBBE3; box-shadow:4px 4px 4px  
4px #1EBBE3 }
```

Background

The CSS property to change the background color of an element to Hex 1EBBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBBE3 }
```

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

```
.background{ background-color:#1EBBE3 }
```

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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