

Converting Colors

Hex(1AE5CC)

Have a look what the booklet for
Hex(1AE5CC) contains.

| | |
|--|----|
| Hex(1AE5CC) | 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(1AE5CC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1AE5CC |
| RGB | 26, 229, 204 |
| RGB Percent | 10%, 90%, 80% |
| CMY | 0.8980, 0.1020, 0.2000 |
| CMYK | 0.89, 0.00, 0.11, 0.10 |
| HSL | 173°, 80%, 50% |
| HSV | 173°, 89%, 90% |
| XYZ | 39.3444, 60.6179, 66.7535 |
| YIQ | 165.4530, -112.9630, -50.8110 |

Conversions

Conversions Part 2

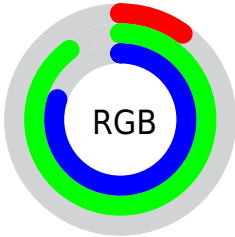
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 26, 134, 229 |
| Decimal | 1762764 |
| CIE Lab | 82.17, -50.52, -0.64 |
| CIE LCh | 82, 50.527, 180.725 |
| Yxy | 60.6179, 0.2360, 0.3636 |
| Android (android.graphics.Color) | 4279952844 (0xFF1AE5CC) |
| YUV | 165.4530, 19.0037, -122.3003 |
| Hunter-Lab | 77.8575, -46.0476, 3.6661 |

Details

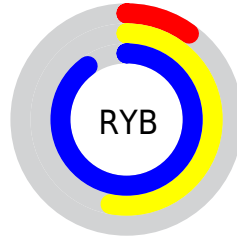
The Hex color **1AE5CC** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **E51A33**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **74FFFF**, and **00AC96** is the 20% darker color. If you saturate the color by 10%, you get **03E5C9**, and if you desaturate by 10%, it is **31E5CF**.

Distribution



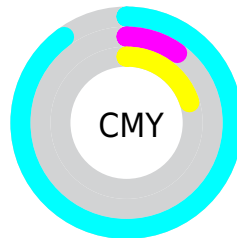
- Red (10%)
- Green (90%)
- Blue (80%)



- Red (10%)
- Yellow (53%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AE5CC 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 1AE5CC by changing the saturation by 10% instead.

 1AE5CC

 1AE5CC

FFFFFF

 00C8B1

 74FFFF

 00AC96

 96FFFF

 00917C

 B6FFFF

 007763

 D6FFFF

 005D4C

 F5FFFF

 004435

 002E20

 000F09

 000000

 1AE5CC

 1AE5CC

 03E5C9

 31E5CF

 00E5C9

 48E5D2

 5FE5D4

 76E5D7

 8CE5DA

 A3E5DD

 BAE5E0

 D1E5E3

 E8E5E5

Harmonies

Analogous

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



7DE19C



1AE5CC



00E4FB

Triad

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



1AE5CC



D2C0FF



FFB97B

Complementary

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



1AE5CC



E51A33

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.



FFAB9E



1AE5CC



FFAFFC

Square

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



1AE5CC



82D1FF



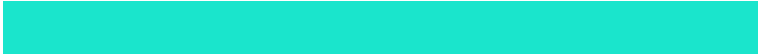
FFA6CD



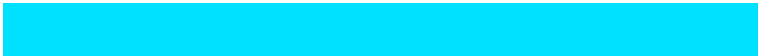
E9CA6C

Rectangle

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



1AE5CC



00E0FF



FFA6CD



FFB485

Sweetspot

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



1AE5CC



BAFFF7



35E51A



57807A



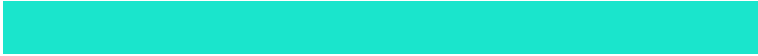
000000



808080

Same Dimension

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



1AE5CC



00FFE0



1A9BE5



677371



00B39D



00332D

Inverse Universe

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



E51A33



FF001F



E5641A



736769



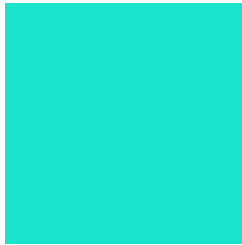
B30016



330006

Previews

White Background



This preview shows how the Hex color 1AE5CC looks on a white background.

Color Contrast Check

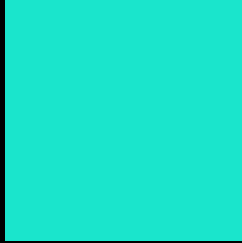
Large Text (above 18pt) WCAG AA × Fail

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 1AE5CC 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

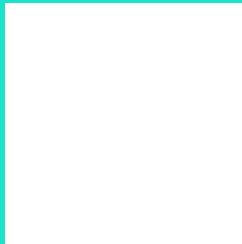
Any Text WCAG AAA ✓ Pass

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

Hex 1AE5CC Background



This preview shows how black text looks on a background with the Hex color 1AE5CC.

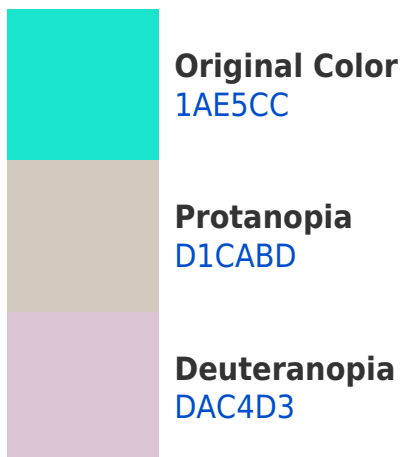


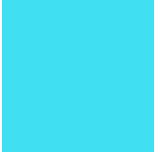
This preview shows how white text looks on a background with the Hex color 1AE5CC.

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



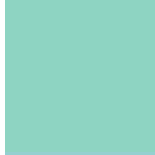


Tritanopia
40E0F2

Trichromacy



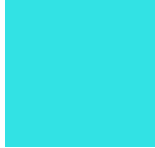
Original Color
1AE5CC



Protanomaly
8ED4C2



Deuteranomaly
94D0D0

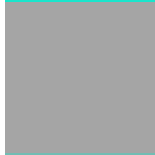


Tritanomaly
32E2E4

Monochromacy



Original Color
1AE5CC



Achromatopsia
A5A5A5



Achromatomaly
72BCB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AE5CC 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 #1AE5CC looks like.

```
.text, #text, p{  
    color:#1AE5CC  
}
```

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 #1AE5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE5CC
}
```

Border

The CSS property to change the border of an element to Hex 1AE5CC 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
#1AE5CC }
```

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

```
.border{ border-color:#1AE5CC }
```

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

Here you see how a box with a 4 pixel #1AE5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE5CC; -webkit-box-shadow:4px 4px  
4px 4px #1AE5CC; box-shadow:4px 4px 4px  
4px #1AE5CC }
```

Background

The CSS property to change the background color of an element to Hex 1AE5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE5CC }
```

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

```
.background{ background-color:#1AE5CC }
```

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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