

Converting Colors

Hex(7AE1C7)

Have a look what the booklet for
Hex(7AE1C7) contains.

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Color

Hex(7AE1C7)

Conversions

Conversions Part 1

Format	Color
Hex	7AE1C7
RGB	122, 225, 199
RGB Percent	48%, 88%, 78%
CMY	0.5216, 0.1176, 0.2196
CMYK	0.46, 0.00, 0.12, 0.12
HSL	165°, 63%, 68%
HSV	165°, 46%, 88%
XYZ	45.2601, 62.1115, 63.6361
YIQ	191.2390, -53.0420, -29.9220

Conversions

Conversions Part 2

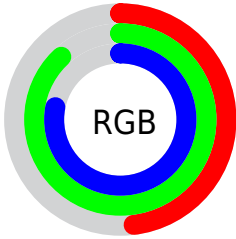
Format	Color
RYB	122, 181, 225
Decimal	8053191
CIELab	82.97, -36.16, 3.43
CIElCh	83, 36.321, 174.587
Yxy	62.1115, 0.2647, 0.3632
Android (android.graphics.Color)	4286243271 (0xFF7AE1C7)
YUV	191.2390, 3.8262, -60.7226
Hunter-Lab	78.8109, -35.4088, 7.2937

Details

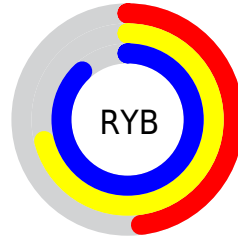
The Hex color **7AE1C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17A94**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B3FFFF**, and **3FA991** is the 20% darker color. If you saturate the color by 10%, you get **64E1C1**, and if you desaturate by 10%, it is **91E1CD**.

Distribution



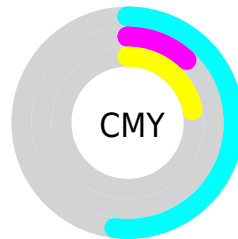
- Red (48%)
- Green (88%)
- Blue (78%)



- Red (48%)
- Yellow (71%)
- Blue (88%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (52%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE1C7 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 7AE1C7 by changing the saturation by 10% instead.

 7AE1C7

 7AE1C7

FFFFFF

 5DC5AC

 B3FFFF

 3FA991

 D1FFFF

 1B8E78

 EEEFFF

 00745F

 005B47

 004331

 002C1C

 001202

 000000

 7AE1C7

 7AE1C7

 64E1C1

 91E1CD

 4DE1BC

 A7E1D2

 37E1B6

 BEE1D8

 20E1B0

 D4E1DE

 0AE1AB

 EBE1E3

 00E1A8

 FFE1E9

 FFE1EF

 FFE1F4

 FFE1FA

Harmonies

Analogous

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



A2DDA6



7AE1C7



5EE1EA

Triad

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



7AE1C7



CBC8FF



FFBF98

Complementary

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



7AE1C7



E17A94

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.



FFB7B4



7AE1C7



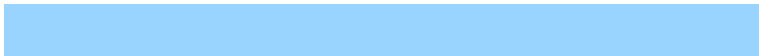
F4BCF7

Square

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



7AE1C7



98D4FF



FFB5D6



ECCA8B

Rectangle

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



7AE1C7



61DEFD



FFB5D6



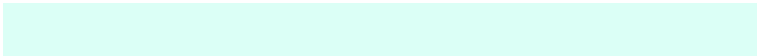
FFBBA0

Sweetspot

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



7AE1C7



DBFFF6



95E17A



6A807A



000000



808080

Same Dimension

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



7AE1C7



73FFDC



7AC9E1



65706D



00B084



003024

Inverse Universe

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



E17A94



FF7396



E1927A



706568



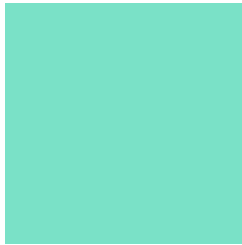
B0002C



30000C

Previews

White Background



This preview shows how the Hex color 7AE1C7 looks on a white background.

Color Contrast Check

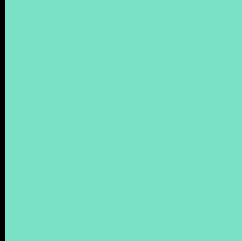
Large Text (above 18pt) WCAG AA × Fail

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 7AE1C7 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

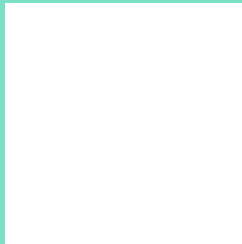
Any Text WCAG AAA ✓ Pass

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

Hex 7AE1C7 Background



This preview shows how black text looks on a background with the Hex color 7AE1C7.

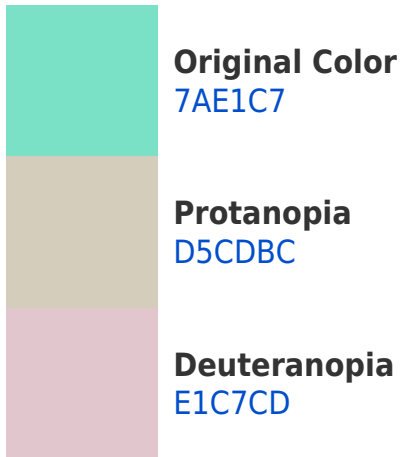


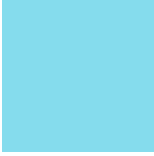
This preview shows how white text looks on a background with the Hex color 7AE1C7.

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
85DCED

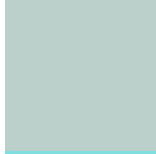
Trichromacy



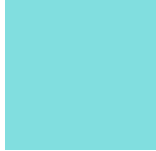
Original Color
7AE1C7



Protanomaly
B4D4C0



Deuteranomaly
BCD0CB

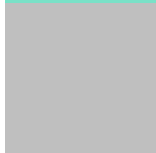


Tritanomaly
81DEDF

Monochromacy



Original Color
7AE1C7



Achromatopsia
BFBFBF



Achromatomaly
A6CBC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE1C7 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 #7AE1C7 looks like.

```
.text, #text, p{  
    color:#7AE1C7  
}
```

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 #7AE1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE1C7
}
```

Border

The CSS property to change the border of an element to Hex 7AE1C7 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
#7AE1C7 }
```

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

```
.border{ border-color:#7AE1C7 }
```

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

Here you see how a box with a 4 pixel #7AE1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE1C7; -webkit-box-shadow:4px 4px  
4px 4px #7AE1C7; box-shadow:4px 4px 4px  
4px #7AE1C7 }
```

Background

The CSS property to change the background color of an element to Hex 7AE1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE1C7 }
```

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

```
.background{ background-color:#7AE1C7 }
```

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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