

Converting Colors

Hex(7AE8E8)

Have a look what the booklet for
Hex(7AE8E8) contains.

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Color

Hex(7AE8E8)

Conversions

Conversions Part 1

Format	Color
Hex	7AE8E8
RGB	122, 232, 232
RGB Percent	48%, 91%, 91%
CMY	0.5216, 0.0902, 0.0902
CMYK	0.47, 0.00, 0.00, 0.09
HSL	180°, 71%, 69%
HSV	180°, 47%, 91%
XYZ	51.4481, 67.6770, 86.6953
YIQ	199.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

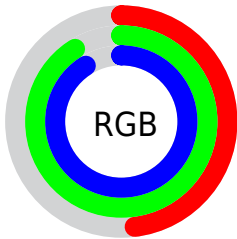
Format	Color
R_{YB}	122, 177, 232
Decimal	8055016
CIE _{Lab}	85.84, -31.50, -9.78
CIE _{LCh}	86, 32.981, 197.244
Yxy	67.6770, 0.2500, 0.3288
Android (android.graphics.Color)	4286245096 (0xFF7AE8E8)
YUV	199.1100, 16.2148, -67.6255
Hunter-Lab	82.2660, -32.3339, -4.8960

Details

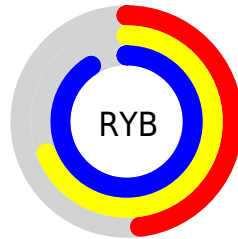
The Hex color **7AE8E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E87A7A**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B5FFFF**, and **3BB0B0** is the 20% darker color. If you saturate the color by 10%, you get **63E8E8**, and if you desaturate by 10%, it is **91E8E8**.

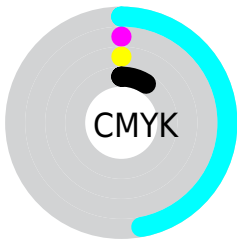
Distribution



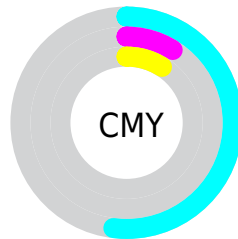
- Red (48%)
- Green (91%)
- Blue (91%)



- Red (48%)
- Yellow (69%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE8E8 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 7AE8E8 by changing the saturation by 10% instead.

 7AE8E8

FFFFFF

 B5FFFF

 D3FFFF

 F1FFFF

 7AE8E8

 5CCCCC

 3BB0B0

 0B9596

 007B7C

 006263

 00494B

 003235


 001E1F

 000006

 7AE8E8

 7AE8E8

 63E8E8

 91E8E8

 4CE8E8

 A8E8E8

 34E8E8

 C0E8E8

 1DE8E8

 D7E8E8

 06E8E8

 EEE8E8

 00E8E8

 FFE8E8

Harmonies

Analogous

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



94E7C8



7AE8E8



7CE5FF

Triad

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



7AE8E8



F1C9FF



F9D09A

Complementary

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



7AE8E8



E87A7A

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.



FFC6AA



7AE8E8



FFC1E5

Square

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



7AE8E8



C9D3FF



FFC0C6



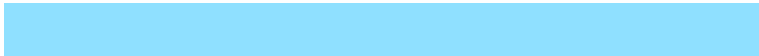
DBDA9B

Rectangle

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



7AE8E8



8FE0FF



FFC0C6



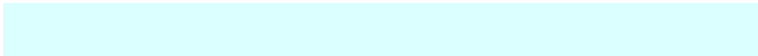
FFCD9E

Sweetspot

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



7AE8E8



DBFFFF



7AE87A



6A8080



000000



808080

Same Dimension

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



7AE8E8



6EFFFF



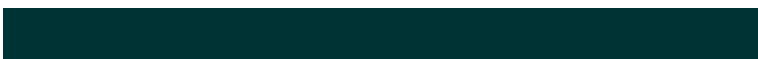
7AB1E8



677373



00B3B3



003333

Inverse Universe

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



E87AE8



FF6EFF



E8B17A



736773



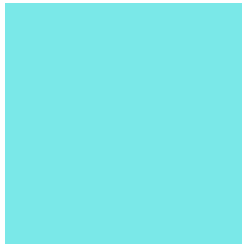
B300B3



330033

Previews

White Background



This preview shows how the Hex color 7AE8E8 looks on a white background.

Color Contrast Check

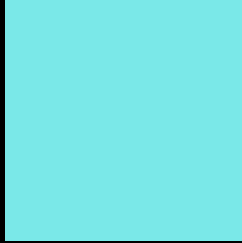
Large Text (above 18pt) WCAG AA × Fail

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 7AE8E8 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 7AE8E8 Background



This preview shows how black text looks on a background with the Hex color 7AE8E8.

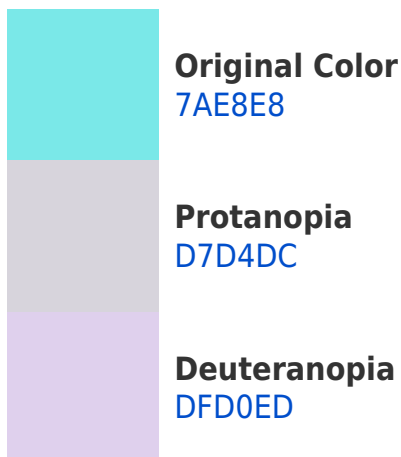


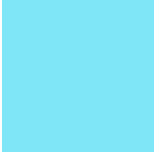
This preview shows how white text looks on a background with the Hex color 7AE8E8.

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
7FE6F8

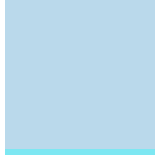
Trichromacy



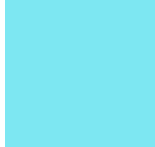
Original Color
7AE8E8



Protanomaly
B5DBE0



Deuteranomaly
BAD9EB

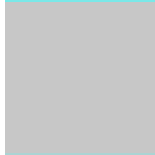


Tritanomaly
7DE7F2

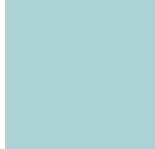
Monochromacy



Original Color
7AE8E8



Achromatopsia
C7C7C7



Achromatomaly
ABD3D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE8E8 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 #7AE8E8 looks like.

```
.text, #text, p{  
    color:#7AE8E8  
}
```

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 #7AE8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE8E8  
}
```

Border

The CSS property to change the border of an element to Hex 7AE8E8 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  
#7AE8E8 }
```

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

```
.border{ border-color:#7AE8E8 }
```

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

Here you see how a box with a 4 pixel #7AE8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE8E8; -webkit-box-shadow:4px 4px  
4px 4px #7AE8E8; box-shadow:4px 4px 4px  
4px #7AE8E8 }
```

Background

The CSS property to change the background color of an element to Hex 7AE8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE8E8 }
```

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

```
.background{ background-color:#7AE8E8 }
```

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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