

# Converting Colors

Hex(A7E1CE)

Have a look what the booklet for  
Hex(A7E1CE) contains.

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# **Color**

**Hex(A7E1CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E1CE
RGB	167, 225, 206
RGB Percent	65%, 88%, 81%
CMY	0.3451, 0.1176, 0.1922
CMYK	0.26, 0.00, 0.08, 0.12
HSL	160°, 49%, 77%
HSV	160°, 26%, 88%
XYZ	54.0021, 66.5221, 68.3864
YIQ	205.4920, -28.4690, -18.2050

# Conversions

## Conversions Part 2

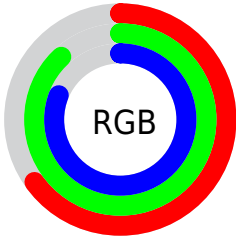
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 202, 225
Decimal	11002318
CIELab	85.26, -22.35, 3.31
CIELCh	85, 22.597, 171.571
Yxy	66.5221, 0.2859, 0.3521
Android (android.graphics.Color)	4289192398 (0xFFA7E1CE)
YUV	205.4920, 0.2504, -33.7575
Hunter-Lab	81.5611, -24.5459, 7.3800

# Details

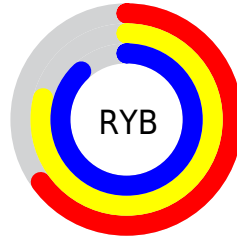
The Hex color **A7E1CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1A7BA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DFFFFFF**, and **71AA98** is the 20% darker color. If you saturate the color by 10%, you get **91E1C7**, and if you desaturate by 10%, it is **BDE1D5**.

# Distribution



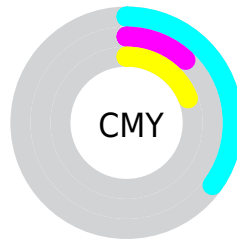
- Red (65%)
- Green (88%)
- Blue (81%)



- Red (65%)
- Yellow (79%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (35%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E1CE 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 A7E1CE by changing the saturation by 10% instead.



 A7E1CE

 A7E1CE

FFFFFF

 8CC5B3

 DFFFFFF

 71AA98

 FCFFFF

 588F7E

 3E7565

 255C4D

 084436

 002E21

 001B0A

 000000

 A7E1CE

 A7E1CE

 91E1C7

 BDE1D5

 7AE1BF

 D4E1DD

 63E1B8

 EBE1E4

 4DE1B1

 FFE1EB

 37E1A9

 FFE1F3

 20E1A2

 FFE1FA

 0AE19A

 FFE1FF

 00E197

# Harmonies

## Analogous

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



BDDEBA



A7E1CE



9BE1E4

# Triad

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



A7E1CE



D1D2FD



FBCBB4

# Complementary

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



A7E1CE



E1A7BA

# 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.



FFC7C6



A7E1CE



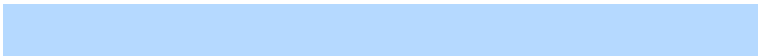
EBCBF0

# Square

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



A7E1CE



B5D9FF



FCC7DC



EBD2AB

# Rectangle

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



A7E1CE



9DE0F1



FCC7DC



FFC9BA



# Sweetspot

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



A7E1CE



EBFFF8



BAE1A7



73807B



000000



808080

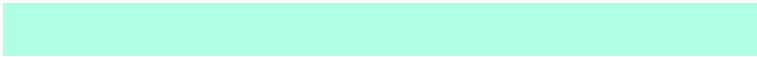


# Same Dimension

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



A7E1CE



B0FFE5



A7D7E1



65706D



00B076



003021



# Inverse Universe

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



E1A7BA



FFB0CA



E1B1A7



706569



B0003A

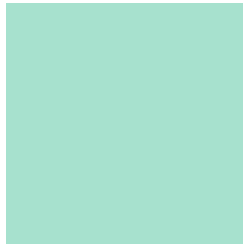


300010



# Previews

## White Background



This preview shows how the Hex color A7E1CE looks on a white background.

## Color Contrast Check

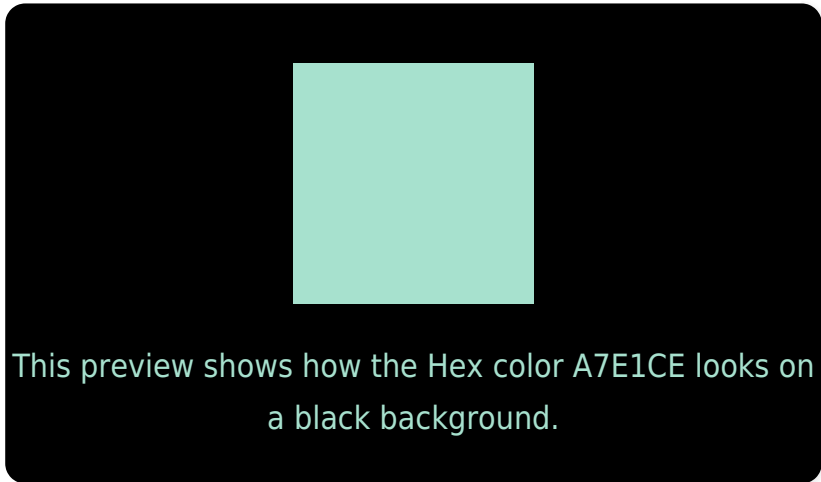
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

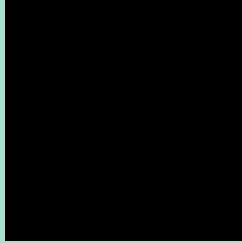
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

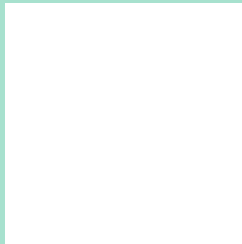
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7E1CE Background



This preview shows how black text looks on a background with the Hex color A7E1CE.

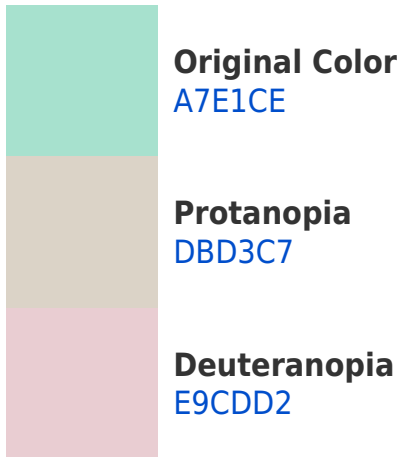


This preview shows how white text looks on a background with the Hex color A7E1CE.

# Color Blindness Simulation

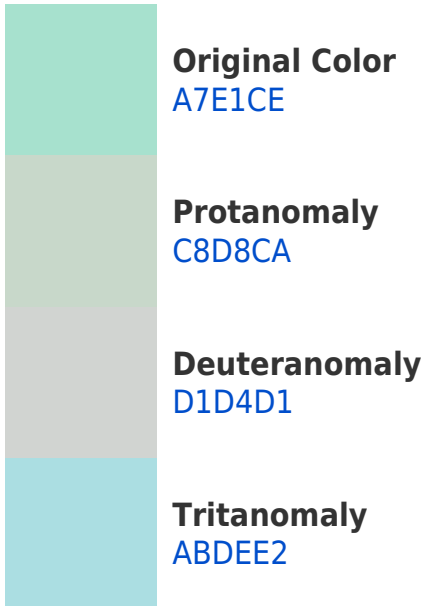
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

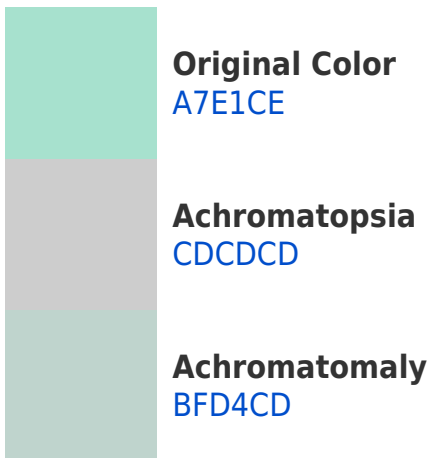




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E1CE 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 #A7E1CE looks like.

```
.text, #text, p{  
    color:#A7E1CE  
}
```

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 #A7E1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E1CE }  
}
```

## Border

The CSS property to change the border of an element to Hex A7E1CE 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 #A7E1CE }  
}
```

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

```
.border{ border-color:#A7E1CE }
```

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

Here you see how a box with a 4 pixel #A7E1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E1CE; -webkit-box-shadow:4px 4px  
4px 4px #A7E1CE; box-shadow:4px 4px 4px  
4px #A7E1CE }
```

# Background

The CSS property to change the background color of an element to Hex A7E1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E1CE }
```

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

```
.background{ background-color:#A7E1CE }
```

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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