

Converting Colors

Hex(7ACEB8)

Have a look what the booklet for
Hex(7ACEB8) contains.

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Color

Hex(7ACEB8)

Conversions

Conversions Part 1

Format	Color
Hex	7ACEB8
RGB	122, 206, 184
RGB Percent	48%, 81%, 72%
CMY	0.5216, 0.1922, 0.2784
CMYK	0.41, 0.00, 0.11, 0.19
HSL	164°, 46%, 64%
HSV	164°, 41%, 81%
XYZ	38.7491, 51.7409, 53.2921
YIQ	178.3760, -43.0020, -24.6500

Conversions

Conversions Part 2

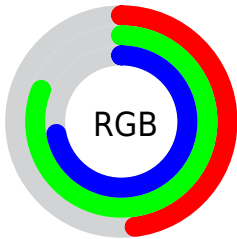
Format	Color
RYB	122, 170, 206
Decimal	8048312
CIELab	77.13, -30.66, 2.95
CIElCh	77, 30.798, 174.510
Yxy	51.7409, 0.2695, 0.3599
Android (android.graphics.Color)	4286238392 (0xFF7ACEB8)
YUV	178.3760, 2.7726, -49.4418
Hunter-Lab	71.9311, -29.7221, 6.4252

Details

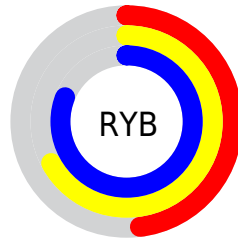
The Hex color **7ACEB8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7A90**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B2FFF0**, and **439783** is the 20% darker color. If you saturate the color by 10%, you get **65CEB3**, and if you desaturate by 10%, it is **8FCEBD**.

Distribution



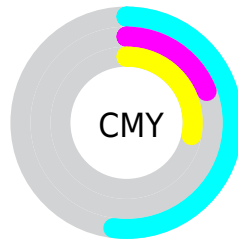
- Red (48%)
- Green (81%)
- Blue (72%)



- Red (48%)
- Yellow (67%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (19%)



- Cyan (52%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACEB8 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 7ACEB8 by changing the saturation by 10% instead.

 7ACEB8

 7ACEB8

FFFFFF

 5FB29D

 B2FFF0

 439783

 CEFFFF

 257D6A

 ECFFFF

 006452

 004B3B

 003425

 002110

 000000

 7ACEB8

 7ACEB8

 65CEB3

 8FCEBD

 51CEAD

 A3CEC3

 3CCEA8

 B8CEC8

 28CEA2

 CCCECE

 13CE9D

 E1CED3

 00CE98

 F6CED8

 FFCEDE

 FFCEE3

 FFCEE9

Harmonies

Analogous

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



99CB9D



7ACEB8



66CED5

Triad

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



7ACEB8



BCB9F2



EEB191

Complementary

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



7ACEB8



CE7A90

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.



F8ABA8



7ACEB8



DEAFE0

Square

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



7ACEB8



92C3F7



F3AAC5



D8BB86

Rectangle

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



7ACEB8



69CCE5



F3AAC5



F3AF98

Sweetspot

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



7ACEB8



E0FFF7



90CE7A



6E807B



000000



808080

Same Dimension

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



7ACEB8



82FFDE



7ABACE



5C6663



00A67A



00261C

Inverse Universe

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



CE7A90



FF82A3



CE8E7A



665C5E



A6002B



26000A

Previews

White Background



This preview shows how the Hex color 7ACEB8 looks on a white background.

Color Contrast Check

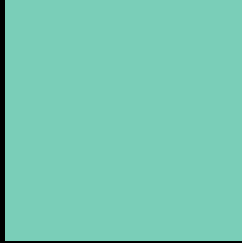
Large Text (above 18pt) WCAG AA × Fail

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 7ACEB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

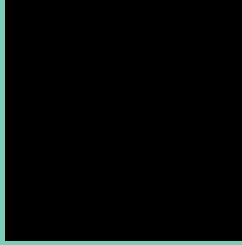
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

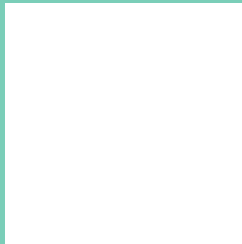
Any Text WCAG AAA ✓ Pass

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

Hex 7ACEB8 Background



This preview shows how black text looks on a background with the Hex color 7ACEB8.

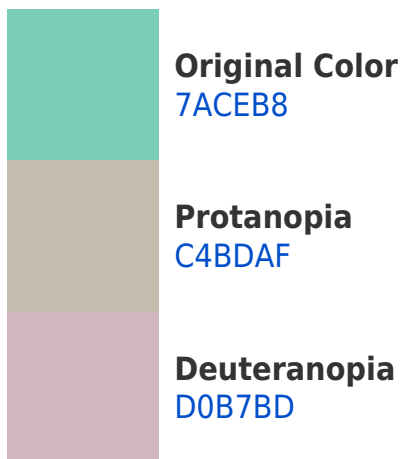


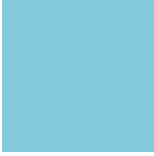
This preview shows how white text looks on a background with the Hex color 7ACEB8.

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
83C9D9

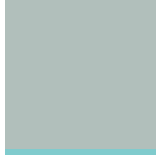
Trichromacy



Original Color
7ACEB8



Protanomaly
A9C3B2



Deuteranomaly
B1BFBB

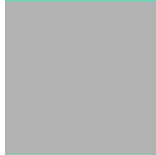


Tritanomaly
80CBCD

Monochromacy



Original Color
7ACEB8



Achromatopsia
B2B2B2



Achromatomaly
9EBCB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACEB8 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 #7ACEB8 looks like.

```
.text, #text, p{  
    color:#7ACEB8  
}
```

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 #7ACEB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACEB8
}
```

Border

The CSS property to change the border of an element to Hex 7ACEB8 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
#7ACEB8 }
```

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

```
.border{ border-color:#7ACEB8 }
```

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

Here you see how a box with a 4 pixel #7ACEB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACEB8; -webkit-box-shadow:4px 4px  
4px 4px #7ACEB8; box-shadow:4px 4px 4px  
4px #7ACEB8 }
```

Background

The CSS property to change the background color of an element to Hex 7ACEB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACEB8 }
```

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

```
.background{ background-color:#7ACEB8 }
```

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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