

Converting Colors

Hex(7AEBCB)

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

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Color

Hex(7AEBCB)

Conversions

Conversions Part 1

Format	Color
Hex	7AEBCB
RGB	122, 235, 203
RGB Percent	48%, 92%, 80%
CMY	0.5216, 0.0784, 0.2039
CMYK	0.48, 0.00, 0.14, 0.08
HSL	163°, 74%, 70%
HSV	163°, 48%, 92%
XYZ	48.5139, 67.8660, 67.0424
YIQ	197.5650, -57.0760, -33.9080

Conversions

Conversions Part 2

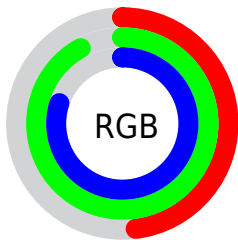
Format	Color
RYB	122, 188, 235
Decimal	8055755
CIELab	85.94, -39.81, 5.61
CIELCh	86, 40.199, 171.978
Yxy	67.8660, 0.2645, 0.3700
Android (android.graphics.Color)	4286245835 (0xFF7AEBCB)
YUV	197.5650, 2.6795, -66.2705
Hunter-Lab	82.3808, -39.0483, 9.4157

Details

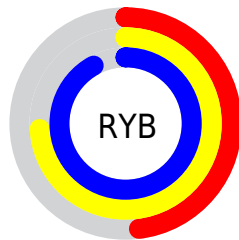
The Hex color **7AEBCB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB7A9A**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B4FFFF**, and **3DB395** is the 20% darker color. If you saturate the color by 10%, you get **62EBC4**, and if you desaturate by 10%, it is **92EBD2**.

Distribution



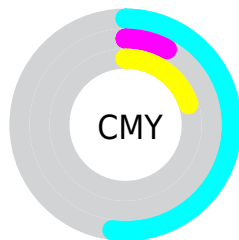
- Red (48%)
- Green (92%)
- Blue (80%)



- Red (48%)
- Yellow (74%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (52%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 7AEBCB

 7AEBCB

FFFFFF

 5DCEB0

 B4FFFF

 3DB395

 D2FFFF

 14977B

 F0FFFF

 007D62

 00634B

 004B34

 00331F

 001D07

 000000

 7AEBCB

 7AEBCB

 62EBC4

 92EBD2

 4BEBBE

 A9EBD8

 34EBB7

 C1EBDF

 1CEBB0

 D8EBE6

 04EBAA

 F0EBEC

 00EBA8

 FFEBF3

 FFEBFA

 FFEBFF

Harmonies

Analogous

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



A8E6A7



7AEBCB



53EBF2

Triad

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



7AEBCB



CDD1FF



FFC49C

Complementary

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



7AEBCB



EB7A9A

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.



FFBBBC



7AEBCB



FDC3FF

Square

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



7AEBCB



92DEFF



FFBBE3



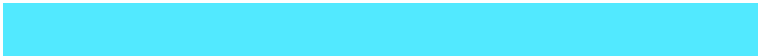
FAD18C

Rectangle

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



7AEBCB



52E9FF



FFBBE3



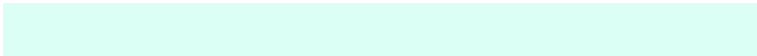
FFC1A6

Sweetspot

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



7AEBCB



DBFFF5



9AEB7A



6A8079



000000



808080

Same Dimension

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



7AEBCB



6BFFD5



7AD3EB



6A7572



00B582



003626

Inverse Universe

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



EB7A9A



FF6B95



EB927A



756A6D



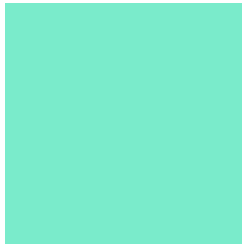
B50033



36000F

Previews

White Background



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

Color Contrast Check

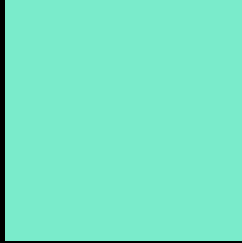
Large Text (above 18pt) WCAG AA × Fail

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 7AEBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

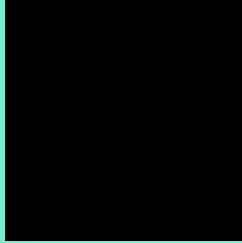
Any Text WCAG AA ✓ Pass

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 7AEBCB Background



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

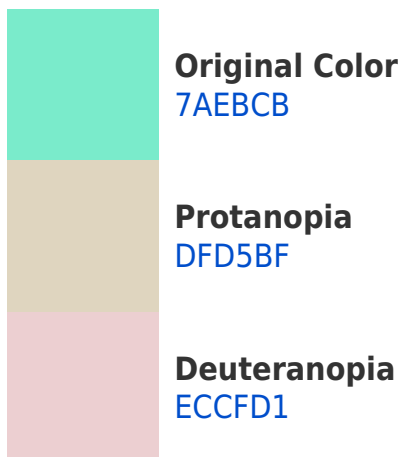


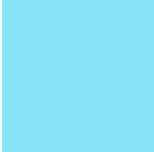
This preview shows how white text looks on a background with the Hex color 7AEBCB.

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
87E5F7

Trichromacy



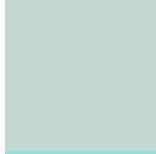
Original Color

7AEBCB



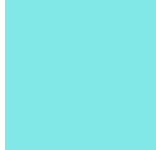
Protanomaly

BADDC3



Deuteranomaly

C3D9CF



Tritanomaly

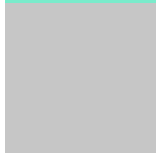
82E7E7

Monochromacy



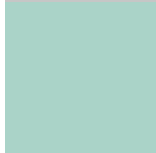
Original Color

7AEBCB



Achromatopsia

C6C6C6



Achromatomaly

AAD3C8

CSS Examples

Text

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

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

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 #7AEBCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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