

Converting Colors

Hex(7BE2CB)

Have a look what the booklet for
Hex(7BE2CB) contains.

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Color

Hex(7BE2CB)

Conversions

Conversions Part 1

Format	Color
Hex	7BE2CB
RGB	123, 226, 203
RGB Percent	48%, 89%, 80%
CMY	0.5176, 0.1137, 0.2039
CMYK	0.46, 0.00, 0.10, 0.11
HSL	167°, 64%, 68%
HSV	167°, 46%, 89%
XYZ	46.1442, 62.9155, 66.2118
YIQ	192.5810, -54.0050, -28.9890

Conversions

Conversions Part 2

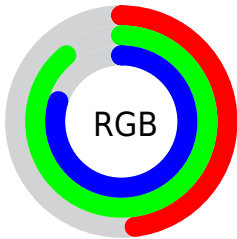
Format	Color
RYB	123, 181, 226
Decimal	8118987
CIELab	83.40, -35.47, 1.93
CIELCh	83, 35.519, 176.880
Yxy	62.9155, 0.2633, 0.3590
Android (android.graphics.Color)	4286309067 (0xFF7BE2CB)
YUV	192.5810, 5.1366, -61.0225
Hunter-Lab	79.3193, -34.9658, 6.0312

Details

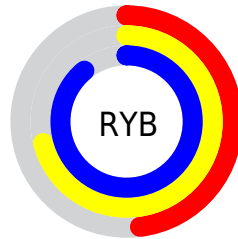
The Hex color **7BE2CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27B92**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B5FFFF**, and **40AA95** is the 20% darker color. If you saturate the color by 10%, you get **64E2C6**, and if you desaturate by 10%, it is **92E2D0**.

Distribution



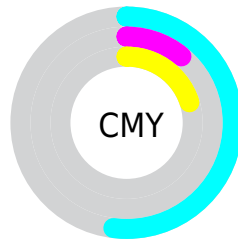
- Red (48%)
- Green (89%)
- Blue (80%)



- Red (48%)
- Yellow (71%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE2CB 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 7BE2CB by changing the saturation by 10% instead.

 7BE2CB

FFFFFF

 B5FFFF

 D2FFFF

 EFFFFFF

 7BE2CB

 5EC6B0

 40AA95

 1C8F7B

 007562

 005C4B

 004434

 002D1F

 001407

 000000

 7BE2CB

 7BE2CB

 64E2C6

 92E2D0

 4EE2C1

 A8E2D5

 37E2BC

 BFE2DA

 21E2B7

 D5E2DF

 0AE2B2

 ECE2E4

 00E2B0

 FFE2E9

 FFE2EE

 FFE2F3

 FFE2F8

Harmonies

Analogous

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



A1DEAA



7BE2CB



63E2ED

Triad

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



7BE2CB



D0C8FF



FFC199

Complementary

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



7BE2CB



E27B92

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.



FFB9B3



7BE2CB



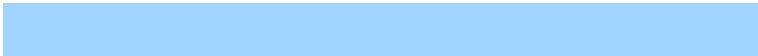
F7BDF5

Square

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



7BE2CB



9ED4FF



FFB7D5



EACC8D

Rectangle

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



7BE2CB



68DFFF



FFB7D5



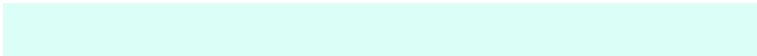
FFBEA0

Sweetspot

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



7BE2CB



DBFFF7



93E27B



6A807B



000000



808080

Same Dimension

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



7BE2CB



73FFE0



7BC7E2



65706E



00B089



003026

Inverse Universe

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



E27B92



FF7392



E2967B



706567



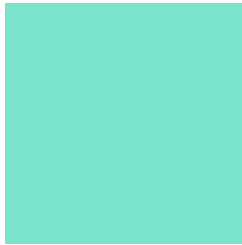
B00027



30000B

Previews

White Background



This preview shows how the Hex color 7BE2CB looks on a white background.

Color Contrast Check

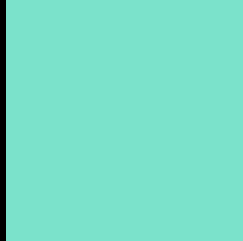
Large Text (above 18pt) WCAG AA × Fail

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 7BE2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

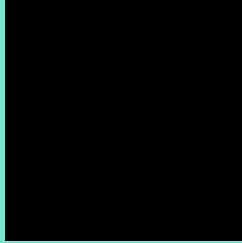
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

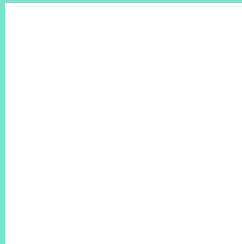
Any Text WCAG AAA ✓ Pass

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

Hex 7BE2CB Background



This preview shows how black text looks on a background with the Hex color 7BE2CB.



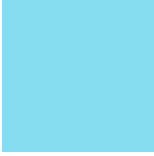
This preview shows how white text looks on a background with the Hex color 7BE2CB.

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
85DDEF

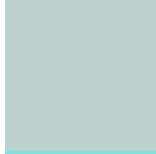
Trichromacy



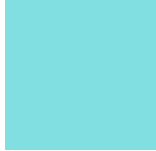
Original Color
7BE2CB



Protanomaly
B5D5C4



Deuteranomaly
BDD1CF

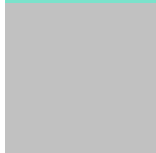


Tritanomaly
81DFE2

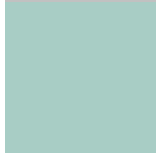
Monochromacy



Original Color
7BE2CB



Achromatopsia
C1C1C1



Achromatomaly
A8CDC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE2CB 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 #7BE2CB looks like.

```
.text, #text, p{  
    color:#7BE2CB  
}
```

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 #7BE2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE2CB
}
```

Border

The CSS property to change the border of an element to Hex 7BE2CB 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
#7BE2CB }
```

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

```
.border{ border-color:#7BE2CB }
```

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

Here you see how a box with a 4 pixel #7BE2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE2CB; -webkit-box-shadow:4px 4px  
4px 4px #7BE2CB; box-shadow:4px 4px 4px  
4px #7BE2CB }
```

Background

The CSS property to change the background color of an element to Hex 7BE2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE2CB }
```

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

```
.background{ background-color:#7BE2CB }
```

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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