

Converting Colors

Hex(7CEBB1)

Have a look what the booklet for
Hex(7CEBB1) contains.

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Color

Hex(7CEBB1)

Conversions

Conversions Part 1

Format	Color
Hex	7CEBB1
RGB	124, 235, 177
RGB Percent	49%, 92%, 69%
CMY	0.5137, 0.0784, 0.3059
CMYK	0.47, 0.00, 0.25, 0.08
HSL	149°, 74%, 70%
HSV	149°, 47%, 92%
XYZ	45.9563, 66.8761, 52.0812
YIQ	195.1990, -47.5380, -41.5700

Conversions

Conversions Part 2

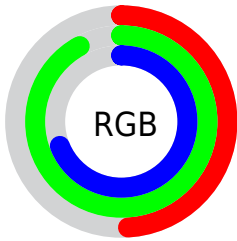
Format	Color
RYB	124, 199, 235
Decimal	8186801
CIELab	85.44, -44.81, 18.49
CIELCh	85, 48.472, 157.580
Yxy	66.8761, 0.2787, 0.4055
Android (android.graphics.Color)	4286376881 (0xFF7CEBB1)
YUV	195.1990, -8.9721, -62.4415
Hunter-Lab	81.7778, -42.8002, 19.4849

Details

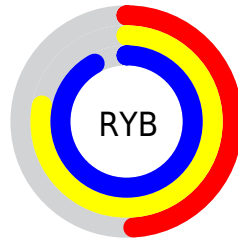
The Hex color **7CEBB1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB7CB6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B6FFE9**, and **41B27C** is the 20% darker color. If you saturate the color by 10%, you get **65EBA5**, and if you desaturate by 10%, it is **93EBBD**.

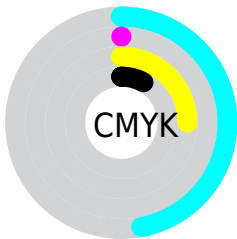
Distribution



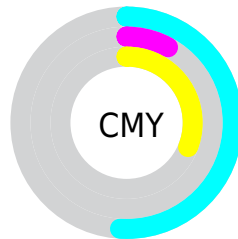
- Red (49%)
- Green (92%)
- Blue (69%)



- Red (49%)
- Yellow (78%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CEBB1 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 7CEBB1 by changing the saturation by 10% instead.

 7CEBB1

 7CEBB1

FFFFFF

 5FCE96

 B6FFE9

 41B27C

 D3FFFF

 1D9763

 F1FFFF

 007D4B

 006334

 004A1E

 003207

 001C00

 000000

 7CEBB1

 7CEBB1

 65EBA5

 93EBBD

 4DEB98

 ABEBCA

 36EB8C

 C3EBD6

 1EEB80

 DAEBE2

 06EB74

 F2EBEE

 00EB70

 FFEFBF

 FFEBFF

Harmonies

Analogous

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



B6E38B



7CEBB1



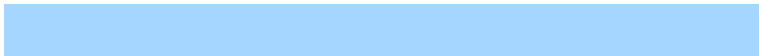
27EEE0

Triad

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



7CEBB1



A4D6FF



FFB8A0

Complementary

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



7CEBB1



EB7CB6

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.



FFB1CB



7CEBB1



EAC5FF

Square

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



7CEBB1



46E4FF



FFB6F9



FFC781

Rectangle

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



7CEBB1



00EDFE



FFB6F9



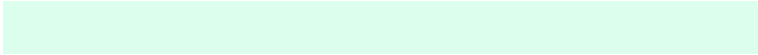
FFB4AD

Sweetspot

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



7CEBB1



DBFFEC



B7EB7C



6A8074



000000



808080

Same Dimension

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



7CEBB1



6EFFB3



7CEBE7



6A756F



00B556



00361A

Inverse Universe

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



EB7CB6



FF6EBA



EB7C80



756A70



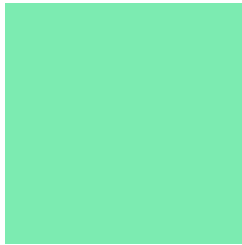
B5005F



36001C

Previews

White Background



This preview shows how the Hex color 7CEBB1 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 7CEBB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

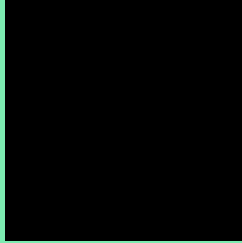
Any Text WCAG AA ✓ Pass

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 7CEBB1 Background



This preview shows how black text looks on a background with the Hex color 7CEBB1.

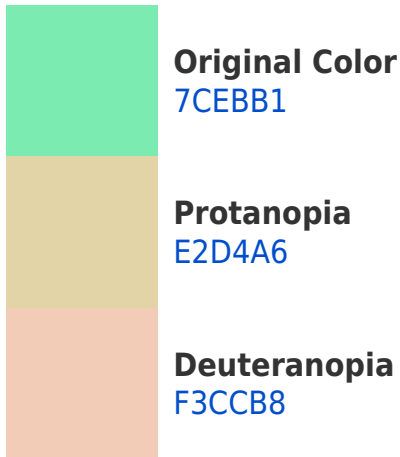


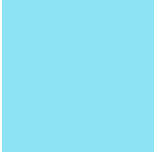
This preview shows how white text looks on a background with the Hex color 7CEBB1.

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
8DE2F4

Trichromacy



Original Color
7CEBB1



Protanomaly
BDDCAA



Deuteranomaly
C8D7B5



Tritanomaly
87E5DC

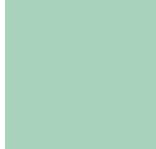
Monochromacy



Original Color
7CEBB1



Achromatopsia
C3C3C3



Achromatomaly
A9D2BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CEBB1 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 #7CEBB1 looks like.

```
.text, #text, p{  
    color:#7CEBB1  
}
```

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 #7CEBB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEBB1  
}
```

Border

The CSS property to change the border of an element to Hex 7CEBB1 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  
#7CEBB1 }
```

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

```
.border{ border-color:#7CEBB1 }
```

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

Here you see how a box with a 4 pixel #7CEBB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEBB1; -webkit-box-shadow:4px 4px  
4px 4px #7CEBB1; box-shadow:4px 4px 4px  
4px #7CEBB1 }
```

Background

The CSS property to change the background color of an element to Hex 7CEBB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEBB1 }
```

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

```
.background{ background-color:#7CEBB1 }
```

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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