

Converting Colors

Hex(7BCCC1)

Have a look what the booklet for
Hex(7BCCC1) contains.

Hex(7BCCC1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BCCC1)

Conversions

Conversions Part 1

Format	Color
Hex	7BCCC1
RGB	123, 204, 193
RGB Percent	48%, 80%, 76%
CMY	0.5176, 0.2000, 0.2431
CMYK	0.40, 0.00, 0.05, 0.20
HSL	172°, 44%, 64%
HSV	172°, 40%, 80%
XYZ	39.3869, 51.2469, 58.2678
YIQ	178.5270, -44.7450, -20.5930

Conversions

Conversions Part 2

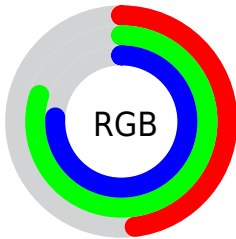
Format	Color
RYB	123, 166, 204
Decimal	8113345
CIELab	76.83, -27.35, -2.33
CIElCh	77, 27.451, 184.861
Yxy	51.2469, 0.2645, 0.3442
Android (android.graphics.Color)	4286303425 (0xFF7BCCC1)
YUV	178.5270, 7.1352, -48.6972
Hunter-Lab	71.5870, -27.0672, 1.8521

Details

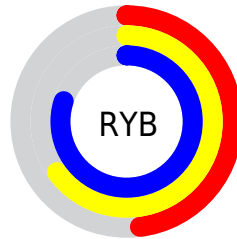
The Hex color **7BCCC1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7B86**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B3FFF9**, and **44958C** is the 20% darker color. If you saturate the color by 10%, you get **67CCBE**, and if you desaturate by 10%, it is **8FCCC4**.

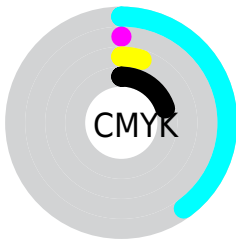
Distribution



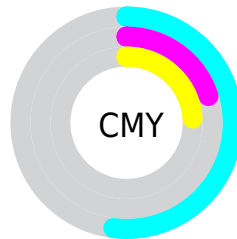
- Red (48%)
- Green (80%)
- Blue (76%)



- Red (48%)
- Yellow (65%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCCC1 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 7BCCC1 by changing the saturation by 10% instead.

 7BCCC1

 7BCCC1

FFFFFF

 60B0A6

 B3FFF9

 44958C

 D0FFFF

 267B72

 EDFFFF

 00625A

 004A42

 00332C

 002018

 000000

 7BCCC1

 7BCCC1

67CCBE

8FCCC4

52CCBB

A4CCC7

3ECCB9

B8CCC9

29CCB6

CDCCCC

15CCB3

E1CCCF

01CCB0

F5CCD2

00CCB0

FFCCD4

FFCCD7

FFCCDA

Harmonies

Analogous

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



93CAA7



7BCCC1



73CBDA

Triad

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



7BCCC1



C7B6E7



E3B590

Complementary

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



7BCCC1



CC7B86

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.



F0AEA2



7BCCC1



E2AED4

Square

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



7BCCC1



A4BFF0



F0ABBA



CCBD8B

Rectangle

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



7BCCC1



7BC8E6



F0ABBA



E8B295

Sweetspot

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



7BCCC1



E0FFFB



87CC7B



6E807D



000000



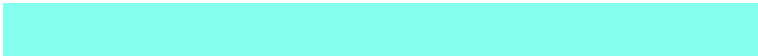
808080

Same Dimension

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



7BCCC1



85FFEE



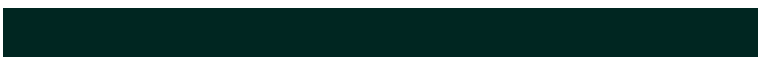
7BB0CC



5C6665



00A68F



002621

Inverse Universe

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



CC7B86



FF8595



CC977B



665C5D



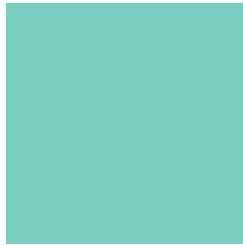
A60017



260005

Previews

White Background



This preview shows how the Hex color 7BCCC1 looks on a white background.

Color Contrast Check

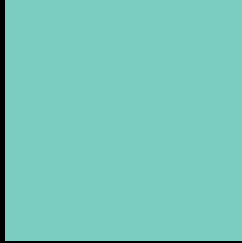
Large Text (above 18pt) WCAG AA × Fail

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 7BCCC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

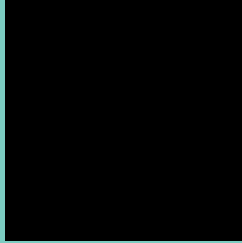
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

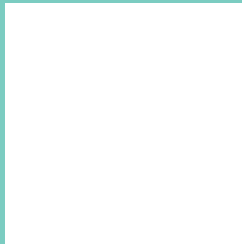
Any Text WCAG AAA ✓ Pass

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

Hex 7BCCC1 Background



This preview shows how black text looks on a background with the Hex color 7BCCC1.

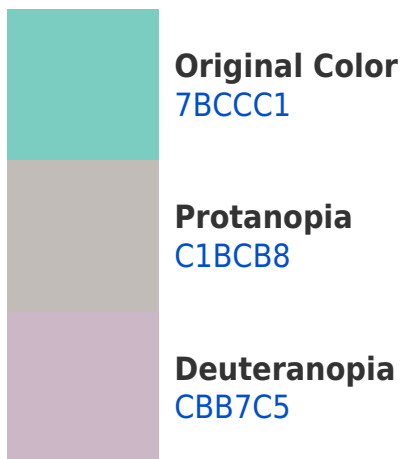


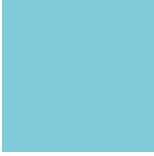
This preview shows how white text looks on a background with the Hex color 7BCCC1.

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
81C8D9

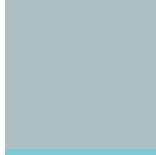
Trichromacy



Original Color
7BCCC1



Protanomaly
A8C2BB



Deuteranomaly
AEBFC4

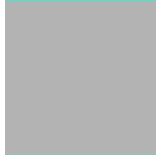


Tritanomaly
7FC9D0

Monochromacy



Original Color
7BCCC1



Achromatopsia
B3B3B3



Achromatomaly
9FBCB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCCC1 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 #7BCCC1 looks like.

```
.text, #text, p{  
    color:#7BCCC1  
}
```

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 #7BCCC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCCC1
}
```

Border

The CSS property to change the border of an element to Hex 7BCCC1 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
#7BCCC1 }
```

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

```
.border{ border-color:#7BCCC1 }
```

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

Here you see how a box with a 4 pixel #7BCCC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCCC1; -webkit-box-shadow:4px 4px  
4px 4px #7BCCC1; box-shadow:4px 4px 4px  
4px #7BCCC1 }
```

Background

The CSS property to change the background color of an element to Hex 7BCCC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCCC1 }
```

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

```
.background{ background-color:#7BCCC1 }
```

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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