

Converting Colors

Hex(1CBDC8)

Have a look what the booklet for
Hex(1CBDC8) contains.

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Color

Hex(1CBDC8)

Conversions

Conversions Part 1

Format	Color
Hex	1CBDC8
RGB	28, 189, 200
RGB Percent	11%, 74%, 78%
CMY	0.8902, 0.2588, 0.2157
CMYK	0.86, 0.05, 0.00, 0.22
HSL	184°, 75%, 45%
HSV	184°, 86%, 78%
XYZ	29.1018, 40.8122, 60.9873
YIQ	142.1150, -99.4870, -30.7110

Conversions

Conversions Part 2

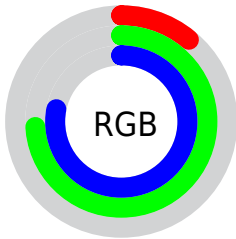
Format	Color
R_{YB}	28, 111, 200
Decimal	1883592
CIE _{Lab}	70.04, -33.88, -16.51
CIE _{LCh}	70, 37.689, 205.982
Yxy	40.8122, 0.2223, 0.3118
Android (android.graphics.Color)	4280073672 (0xFF1CBDC8)
YUV	142.1150, 28.5373, -100.0789
Hunter-Lab	63.8844, -30.4841, -11.8821

Details

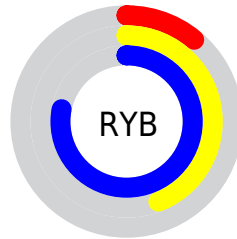
The Hex color **1CBDC8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **C8271C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EF6FF**, and **008792** is the 20% darker color. If you saturate the color by 10%, you get **08BCC8**, and if you desaturate by 10%, it is **30BEC8**.

Distribution



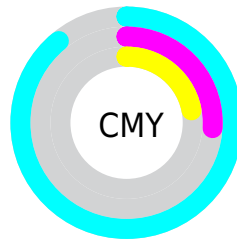
- Red (11%)
- Green (74%)
- Blue (78%)



- Red (11%)
- Yellow (44%)
- Blue (78%)



- Cyan (86%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CBDC8 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 1CBDC8 by changing the saturation by 10% instead.

 1CBDC8

 1CBDC8

FFFFFF

 00A2AD


 6EF6FF

 008792

 8EFFFF

 006D78

 ADFFFF

 005460

 CCFFFF

 003C48

 EBFFFF

 002731

 00021D

 000000

 1CBDC8

 1CBDC8

08BBC8

30BEC8

00BBC8

44C0C8

58C1C8

6CC2C8

80C3C8

94C5C8

A8C6C8

BCC7C8

D0C9C8

Harmonies

Analogous

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



4DBDA5



1CBDC8



34B9E3

Triad

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



1CBDC8



D298D2



C6A867

Complementary

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



1CBDC8



C8271C

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.



E09C74



1CBDC8



E991B1

Square

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



1CBDC8



A9A4E9



EE938F



A3B26C

Rectangle

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



1CBDC8



5DB3ED



EE938F



D0A469

Sweetspot

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



1CBDC8



BDFBFF



1CC825



587D80



000000



808080

Same Dimension

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



1CBDC8



00EFFF



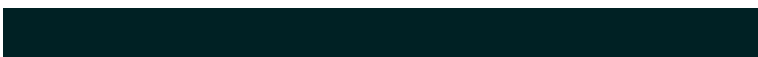
1C69C8



5A6363



0099A3



002124

Inverse Universe

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



C81CBD



FF00EF



C87B1C



635A63



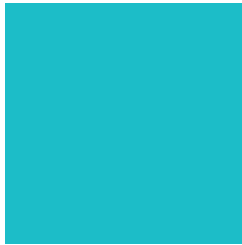
A30099



240021

Previews

White Background



This preview shows how the Hex color 1CBDC8 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 1CBDC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

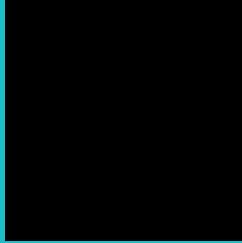
Any Text WCAG AA ✓ Pass

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 1CBDC8 Background



This preview shows how black text looks on a background with the Hex color 1CBDC8.

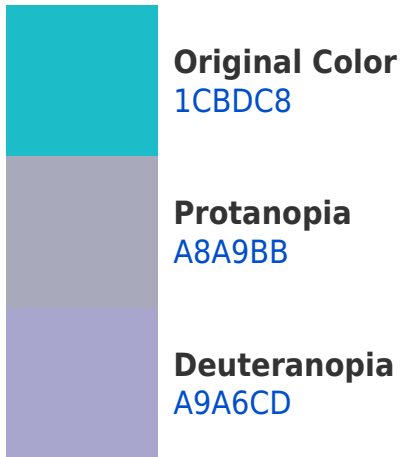


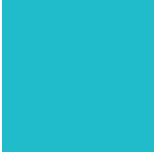
This preview shows how white text looks on a background with the Hex color 1CBDC8.

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

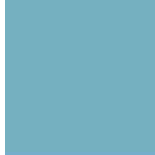




Trichromacy



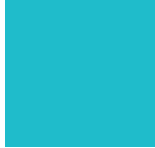
Original Color
1CBDC8



Protanomaly
75B0C0



Deuteranomaly
76AECB



Tritanomaly
1FBCCB

Monochromacy



Original Color
1CBDC8



Achromatopsia
8E8E8E



Achromatomaly
659FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CBDC8 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 #1CBDC8 looks like.

```
.text, #text, p{  
    color:#1CBDC8  
}
```

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 #1CBDC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CBDC8  
}
```

Border

The CSS property to change the border of an element to Hex 1CBDC8 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  
#1CBDC8 }
```

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

```
.border{ border-color:#1CBDC8 }
```

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

Here you see how a box with a 4 pixel #1CBDC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CBDC8; -webkit-box-shadow:4px 4px  
4px 4px #1CBDC8; box-shadow:4px 4px 4px  
4px #1CBDC8 }
```

Background

The CSS property to change the background color of an element to Hex 1CBDC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CBDC8 }
```

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

```
.background{ background-color:#1CBDC8 }
```

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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