

Converting Colors

Hex(C1D9D9)

Have a look what the booklet for
Hex(C1D9D9) contains.

Hex(C1D9D9)	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(C1D9D9)

Conversions

Conversions Part 1

Format	Color
Hex	C1D9D9
RGB	193, 217, 217
RGB Percent	76%, 85%, 85%
CMY	0.2431, 0.1490, 0.1490
CMYK	0.11, 0.00, 0.00, 0.15
HSL	180°, 24%, 80%
HSV	180°, 11%, 85%
XYZ	59.3296, 65.9729, 75.2527
YIQ	209.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

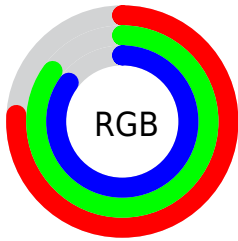
Format	Color
RYB	193, 205, 217
Decimal	12704217
CIELab	84.98, -7.96, -2.72
CIElCh	85, 8.408, 198.875
Yxy	65.9729, 0.2958, 0.3290
Android (android.graphics.Color)	4290894297 (0xFFC1D9D9)
YUV	209.8240, 3.5378, -14.7546
Hunter-Lab	81.2237, -11.7568, 1.9252

Details

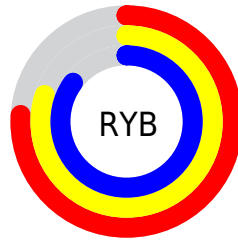
The Hex color **C1D9D9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9C1C1**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FAFFFF**, and **8BA2A2** is the 20% darker color. If you saturate the color by 10%, you get **ABD9D9**, and if you desaturate by 10%, it is **D7D9D9**.

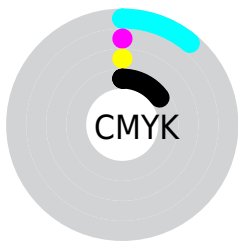
Distribution



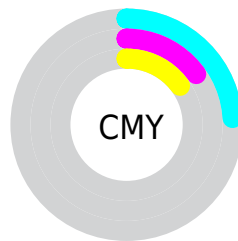
- Red (76%)
- Green (85%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1D9D9 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 C1D9D9 by changing the saturation by 10% instead.

 C1D9D9

FFFFFF

 FAFFFF

 C1D9D9

 A6BDBD

 8BA2A2

 728888

 596F6F

 415656

 2B3F3F

 152929

 001515

 000000

 C1D9D9

 C1D9D9

 ABD9D9

 D7D9D9

 96D9D9

 ECD9D9

 80D9D9

 FFD9D9

 6AD9D9

 55D9D9

 3FD9D9

 29D9D9

 13D9D9

 00D9D9

Harmonies

Analogous

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



C5D9D1



C1D9D9



C3D8E0

Triad

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



C1D9D9



DCD1DF



DED3C5

Complementary

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



C1D9D9



D9C1C1

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.



E4D0C9



C1D9D9



E3CFD7

Square

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



C1D9D9



D2D3E3



E6CFCF



D5D5C5

Rectangle

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



C1D9D9



C6D7E3



E6CFCF



E0D2C6

Sweetspot

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



C1D9D9



F7FFFF



C1D9C1



7A8080



000000



808080

Same Dimension

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



C1D9D9



DEFFFF



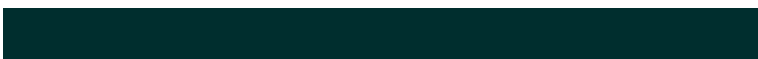
C1CDD9



636E6E



00ADAD



002E2E

Inverse Universe

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



D9C1D9



FFDEFF



D9CDC1



6E636E



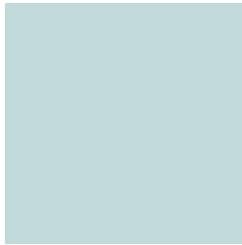
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color C1D9D9 looks on a white background.

Color Contrast Check

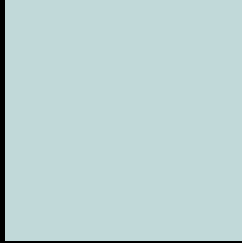
Large Text (above 18pt) WCAG AA × Fail

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 C1D9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

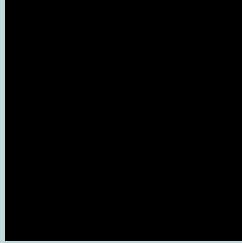
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

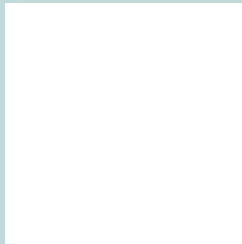
Any Text WCAG AAA ✓ Pass

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

Hex C1D9D9 Background



This preview shows how black text looks on a background with the Hex color C1D9D9.

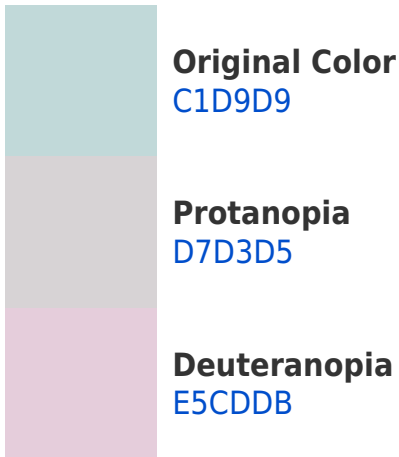


This preview shows how white text looks on a background with the Hex color C1D9D9.

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](#).

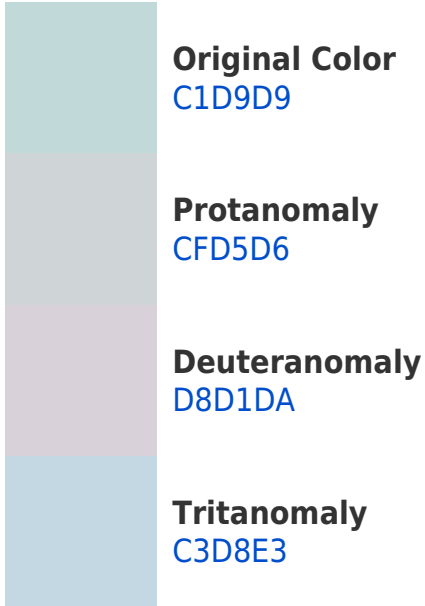
Dichromacy



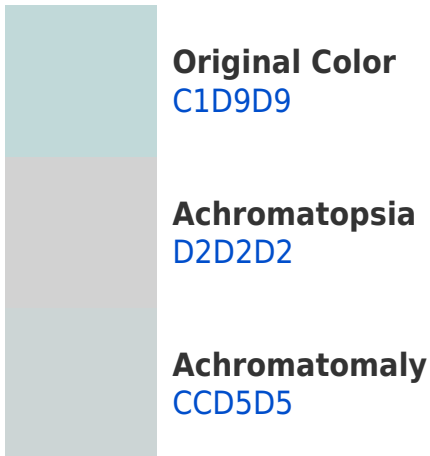


Tritanopia
C4D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1D9D9 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 #C1D9D9 looks like.

```
.text, #text, p{  
    color:#C1D9D9  
}
```

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 #C1D9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D9D9
}
```

Border

The CSS property to change the border of an element to Hex C1D9D9 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
#C1D9D9 }
```

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

```
.border{ border-color:#C1D9D9 }
```

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

Here you see how a box with a 4 pixel #C1D9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D9D9; -webkit-box-shadow:4px 4px  
4px 4px #C1D9D9; box-shadow:4px 4px 4px  
4px #C1D9D9 }
```

Background

The CSS property to change the background color of an element to Hex C1D9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D9D9 }
```

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

```
.background{ background-color:#C1D9D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor