

Converting Colors

Hex(C1E3D0)

Have a look what the booklet for
Hex(C1E3D0) contains.

Hex(C1E3D0)	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(C1E3D0)

Conversions

Conversions Part 1

Format	Color
Hex	C1E3D0
RGB	193, 227, 208
RGB Percent	76%, 89%, 82%
CMY	0.2431, 0.1098, 0.1843
CMYK	0.15, 0.00, 0.08, 0.11
HSL	146°, 38%, 82%
HSV	146°, 15%, 89%
XYZ	60.8466, 70.8297, 70.1391
YIQ	214.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

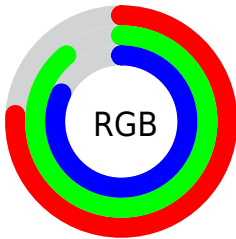
Format	Color
RYB	193, 217, 227
Decimal	12706768
CIELab	87.40, -14.77, 5.55
CIELCh	87, 15.782, 159.405
Yxy	70.8297, 0.3015, 0.3510
Android (android.graphics.Color)	4290896848 (0xFFC1E3D0)
YUV	214.6680, -3.2873, -19.0028
Hunter-Lab	84.1604, -18.2281, 9.5001

Details

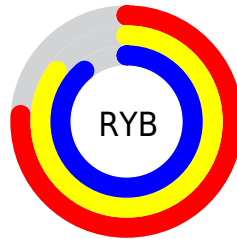
The Hex color **C1E3D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3C1D4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BAC9A** is the 20% darker color. If you saturate the color by 10%, you get **AAE3C3**, and if you desaturate by 10%, it is **D8E3DD**.

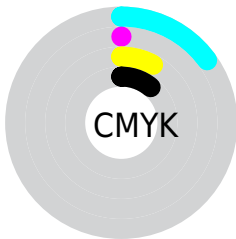
Distribution



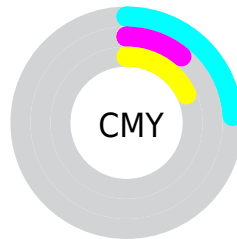
- Red (76%)
- Green (89%)
- Blue (82%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E3D0 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 C1E3D0 by changing the saturation by 10% instead.

 C1E3D0

 C1E3D0

FFFFFF

 A6C7B4

 FAFFFF

 8BAC9A

 719180

 597767

 415E4F

 2A4738

 143022

 001C0D

 000000

 C1E3D0

 C1E3D0

 AAE3C3

 D8E3DD

 94E3B7

 EEE3E9

 7DE3AA

 FFE3F6

 66E39D

 FFE3FF

 4FE391

 39E384

 22E377

 0BE36B

 00E364

Harmonies

Analogous

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



D1E0C4



C1E3D0



B6E4DF

Triad

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



C1E3D0



D1DBF8



FAD3C9

Complementary

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



C1E3D0



E3C1D4

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.



FBD1D7



C1E3D0



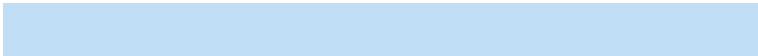
E4D6F2

Square

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



C1E3D0



C0DFF7



F3D2E6



F1D7BF

Rectangle

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



C1E3D0



B5E3E9



F3D2E6



FBD2CD

Sweetspot

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



C1E3D0



F5FFF9



D4E3C1



79807C



000000



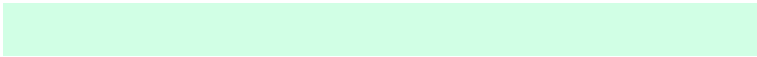
808080

Same Dimension

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



C1E3D0



D1FFE5



C1E3E1



67736C



00B34F



003317

Inverse Universe

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



E3C1D4



FFD1EB



E3C1C3



73676E



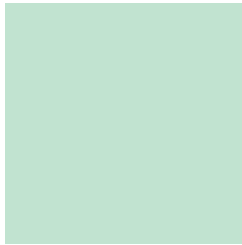
B30064



33001C

Previews

White Background



This preview shows how the Hex color C1E3D0 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 C1E3D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

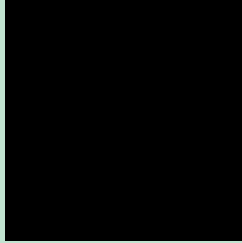
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

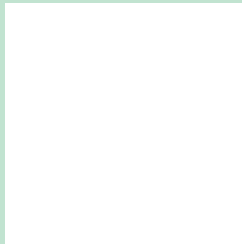
Any Text WCAG AAA ✓ Pass

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

Hex C1E3D0 Background



This preview shows how black text looks on a background with the Hex color C1E3D0.

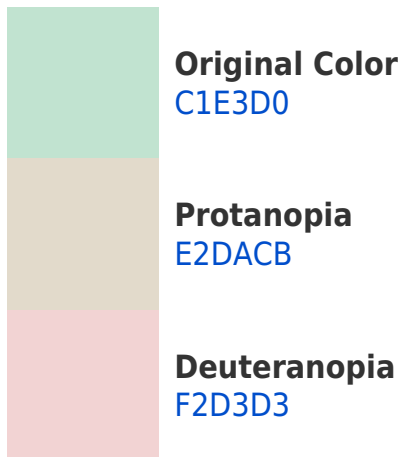


This preview shows how white text looks on a background with the Hex color C1E3D0.

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



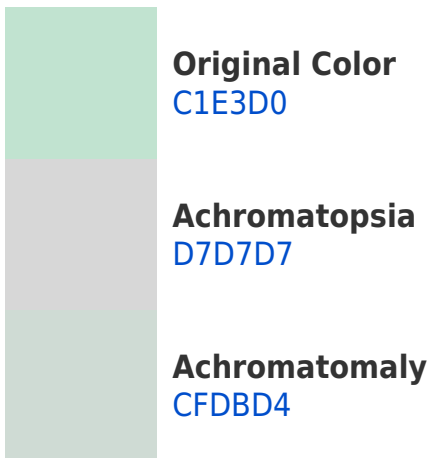


Tritanopia
C7DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E3D0 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 #C1E3D0 looks like.

```
.text, #text, p{  
    color:#C1E3D0  
}
```

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 #C1E3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E3D0
}
```

Border

The CSS property to change the border of an element to Hex C1E3D0 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
#C1E3D0 }
```

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

```
.border{ border-color:#C1E3D0 }
```

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

Here you see how a box with a 4 pixel #C1E3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E3D0; -webkit-box-shadow:4px 4px  
4px 4px #C1E3D0; box-shadow:4px 4px 4px  
4px #C1E3D0 }
```

Background

The CSS property to change the background color of an element to Hex C1E3D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E3D0 }
```

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

```
.background{ background-color:#C1E3D0 }
```

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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