

Converting Colors

Hex(C2E2DC)

Have a look what the booklet for
Hex(C2E2DC) contains.

Hex(C2E2DC)	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(C2E2DC)

Conversions

Conversions Part 1

Format	Color
Hex	C2E2DC
RGB	194, 226, 220
RGB Percent	76%, 89%, 86%
CMY	0.2392, 0.1137, 0.1373
CMYK	0.14, 0.00, 0.03, 0.11
HSL	169°, 36%, 82%
HSV	169°, 14%, 89%
XYZ	62.3628, 71.0294, 78.1333
YIQ	215.7480, -17.1460, -8.6500

Conversions

Conversions Part 2

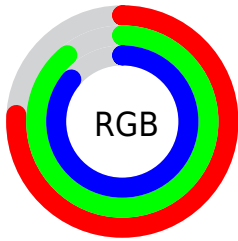
Format	Color
RYB	194, 212, 226
Decimal	12772060
CIELab	87.50, -11.64, -0.61
CIELCh	87, 11.658, 182.994
Yxy	71.0294, 0.2948, 0.3358
Android (android.graphics.Color)	4290962140 (0xFFC2E2DC)
YUV	215.7480, 2.0962, -19.0730
Hunter-Lab	84.2789, -15.4058, 4.0287

Details

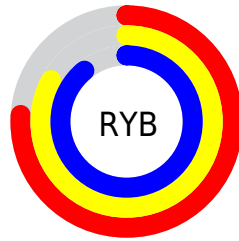
The Hex color **C2E2DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2C2C8**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FBFFFF**, and **8CABA5** is the 20% darker color. If you saturate the color by 10%, you get **ABE2D8**, and if you desaturate by 10%, it is **D9E2E0**.

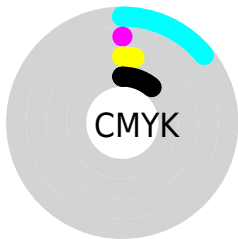
Distribution



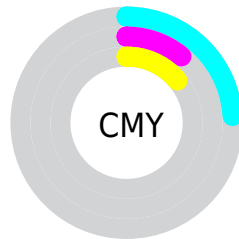
- Red (76%)
- Green (89%)
- Blue (86%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E2DC 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 C2E2DC by changing the saturation by 10% instead.

 C2E2DC

FFFFFF

 FBFFFF

 C2E2DC

 A7C6C0

 8CABA5

 72908B

 597671

 415E59

 2A4642

 14302C

 001B17

 000000

 C2E2DC

 C2E2DC

 ABE2D8

 D9E2E0

 95E2D4

 EFE2E4

 7EE2CF

 FFE2E9

 68E2CB

 FFE2ED

 51E2C7

 FFE2F1

 3AE2C3

 FFE2F5

 24E2BE

 FFE2FA

 0DE2BA

 FFE2FE

 00E2B8

 FFE2FF

Harmonies

Analogous

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



CBE1D1



C2E2DC



C0E1E7

Triad

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



C2E2DC



DFD8EE



EED7C8

Complementary

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



C2E2DC



E2C2C8

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.



F3D5D0



C2E2DC



EBD5E6

Square

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



C2E2DC



D1DCF1



F2D4DB



E4DBC5

Rectangle

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



C2E2DC



C3E0ED



F2D4DB



F0D6CA

Sweetspot

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



C2E2DC



F5FFFD



C8E2C2



79807E



000000



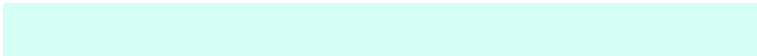
808080

Same Dimension

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



C2E2DC



D4FFF7



C2D8E2



65706E



00B08F



003027

Inverse Universe

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



E2C2C8



FFD4DC



E2CCC2



706567



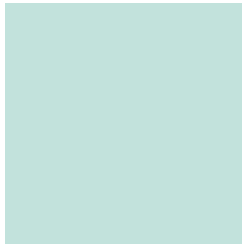
B00021



300009

Previews

White Background



This preview shows how the Hex color C2E2DC looks on a white background.

Color Contrast Check

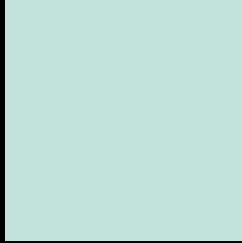
Large Text (above 18pt) WCAG AA × Fail

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 C2E2DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

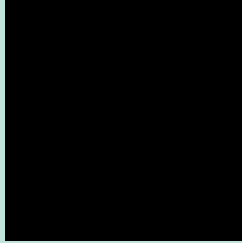
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

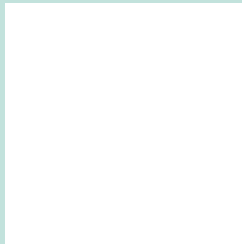
Any Text WCAG AAA ✓ Pass

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

Hex C2E2DC Background



This preview shows how black text looks on a background with the Hex color C2E2DC.

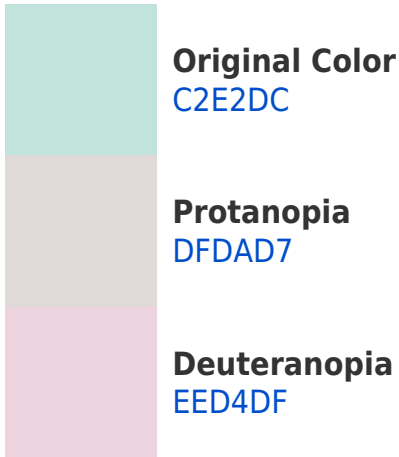


This preview shows how white text looks on a background with the Hex color C2E2DC.

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](#).

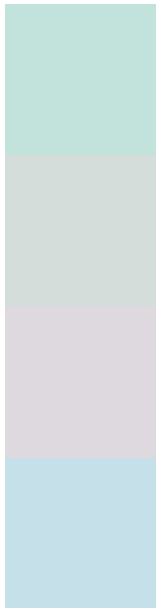
Dichromacy





Tritanopia
C6DFF1

Trichromacy



Original Color
C2E2DC

Protanomaly
D4DDD9

Deuteranomaly
DED9DE

Tritanomaly
C5E0E9

Monochromacy



Original Color
C2E2DC

Achromatopsia
D8D8D8

Achromatomaly
D0DCD9

CSS Examples

Text

The CSS property to change the color of the text to Hex C2E2DC 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 #C2E2DC looks like.

```
.text, #text, p{  
    color:#C2E2DC  
}
```

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 #C2E2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E2DC
}
```

Border

The CSS property to change the border of an element to Hex C2E2DC 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
#C2E2DC }
```

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

```
.border{ border-color:#C2E2DC }
```

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

Here you see how a box with a 4 pixel #C2E2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E2DC; -webkit-box-shadow:4px 4px  
4px 4px #C2E2DC; box-shadow:4px 4px 4px  
4px #C2E2DC }
```

Background

The CSS property to change the background color of an element to Hex C2E2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E2DC }
```

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

```
.background{ background-color:#C2E2DC }
```

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