

# Converting Colors

Hex(C1E2D9)

Have a look what the booklet for  
Hex(C1E2D9) contains.

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# **Color**

**Hex(C1E2D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1E2D9
RGB	193, 226, 217
RGB Percent	76%, 89%, 85%
CMY	0.2431, 0.1137, 0.1490
CMYK	0.15, 0.00, 0.04, 0.11
HSL	164°, 36%, 82%
HSV	164°, 15%, 89%
XYZ	61.7131, 70.7399, 76.0472
YIQ	215.1070, -16.7790, -9.7950

# Conversions

## Conversions Part 2

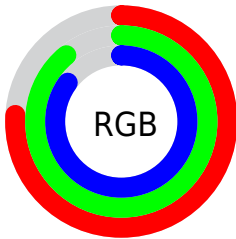
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 212, 226
Decimal	12706521
CIELab	87.36, -12.55, 0.76
CIELCh	87, 12.572, 176.551
Yxy	70.7399, 0.2960, 0.3393
Android (android.graphics.Color)	4290896601 (0xFFC1E2D9)
YUV	215.1070, 0.9332, -19.3878
Hunter-Lab	84.1070, -16.2139, 5.2666

# Details

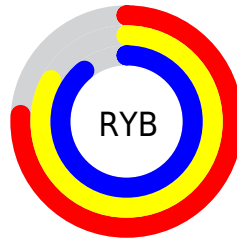
The Hex color **C1E2D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2C1CA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BABA2** is the 20% darker color. If you saturate the color by 10%, you get **AAE2D3**, and if you desaturate by 10%, it is **D8E2DF**.

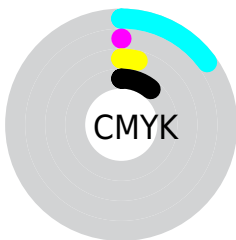
# Distribution



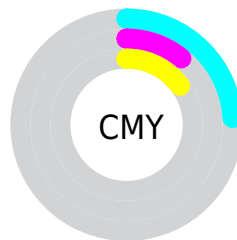
- Red (76%)
- Green (89%)
- Blue (85%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E2D9 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 C1E2D9 by changing the saturation by 10% instead.



 C1E2D9


FFFFFF

 FAFFFF

 C1E2D9

 A6C6BD

 8BABA2

 719088

 58766F

 415E56

 2A463F

 133029

 001B15

 000000

 C1E2D9

 C1E2D9

 AAE2D3

 D8E2DF

 94E2CD

 EEE2E5

 7DE2C7

 FFE2EB

 67E2C0

 FFE2F2

 50E2BA

 FFE2F8

 39E2B4

 FFE2FE

 23E2AE

 FFE2FF

 0CE2A8

 00E2A4

# Harmonies

## Analogous

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



CBE0CD



C1E2D9



BDE2E5

# Triad

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



C1E2D9



DCD8F0



F0D6C7

# Complementary

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



C1E2D9



E2C1CA

# 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.



F5D3D1



C1E2D9



E9D5E8

# Square

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



C1E2D9



CDDCF2



F2D3DD



E6DAC3

# Rectangle

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



C1E2D9



BFE1EC



F2D3DD



F3D5CA



# Sweetspot

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



C1E2D9



F5FFFC



CAE2C1



79807E



000000



808080

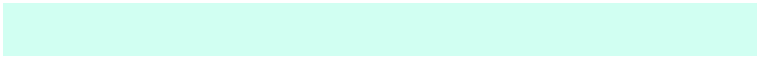


# Same Dimension

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



C1E2D9



D1FFF2



C1DBE2



65706D



00B080



003023



# Inverse Universe

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



E2C1CA



FFD1DE



E2C8C1



706568



B00030

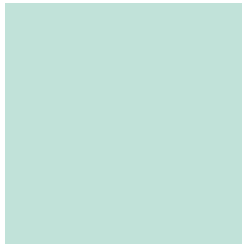


30000D



# Previews

## White Background



This preview shows how the Hex color C1E2D9 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 C1E2D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

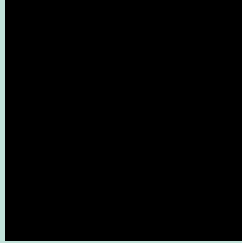
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

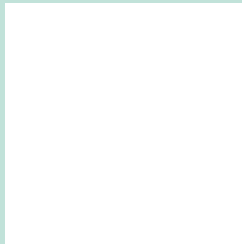
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E2D9 Background



This preview shows how black text looks on a background with the Hex color C1E2D9.

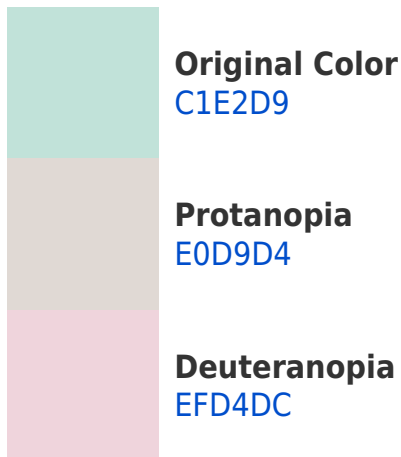


This preview shows how white text looks on a background with the Hex color C1E2D9.

# 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](#).

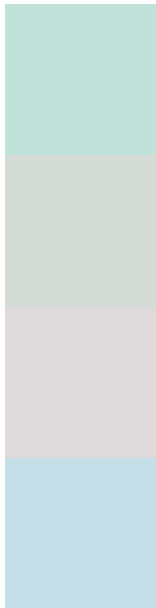
## Dichromacy





**Tritanopia**  
C5DEF0

# Trichromacy



**Original Color**  
C1E2D9

**Protanomaly**  
D5DCD6

**Deuteranomaly**  
DED9DB

**Tritanomaly**  
C4DFE8

# Monochromacy



**Original Color**  
C1E2D9

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
CFDBD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E2D9 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 #C1E2D9 looks like.

```
.text, #text, p{  
    color:#C1E2D9  
}
```

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 #C1E2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E2D9
}
```

## Border

The CSS property to change the border of an element to Hex C1E2D9 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
#C1E2D9 }
```

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

```
.border{ border-color:#C1E2D9 }
```

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

Here you see how a box with a 4 pixel #C1E2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E2D9; -webkit-box-shadow:4px 4px  
4px 4px #C1E2D9; box-shadow:4px 4px 4px  
4px #C1E2D9 }
```

# Background

The CSS property to change the background color of an element to Hex C1E2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E2D9 }
```

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

```
.background{ background-color:#C1E2D9 }
```

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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