

# Converting Colors

Hex(C1E4E1)

Have a look what the booklet for  
Hex(C1E4E1) contains.

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# **Color**

**Hex(C1E4E1)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C1E4E1                      |
| RGB         | 193, 228, 225               |
| RGB Percent | 76%, 89%, 88%               |
| CMY         | 0.2431, 0.1059, 0.1176      |
| CMYK        | 0.15, 0.00, 0.01, 0.11      |
| HSL         | 175°, 39%, 83%              |
| HSV         | 175°, 15%, 89%              |
| XYZ         | 63.3263, 72.2605, 81.8442   |
| YIQ         | 217.1930, -19.8970, -8.3530 |

# Conversions

## Conversions Part 2

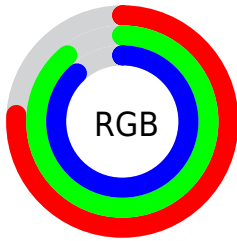
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 193, 211, 228                 |
| Decimal                             | 12707041                      |
| CIELab                              | 88.09, -11.98, -2.37          |
| CIELCh                              | 88, 12.211, 191.214           |
| Yxy                                 | 72.2605, 0.2912,<br>0.3323    |
| Android<br>(android.graphics.Color) | 4290897121<br>(0xFFC1E4E1)    |
| YUV                                 | 217.1930, 3.8489,<br>-21.2173 |
| Hunter-Lab                          | 85.0062, -15.7852,<br>2.4198  |

# Details

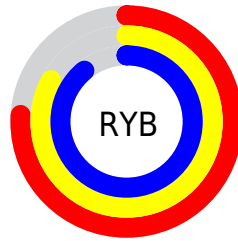
The Hex color **C1E4E1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E4C1C4**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FAFFFF**, and **8BADAA** is the 20% darker color. If you saturate the color by 10%, you get **AAE4DF**, and if you desaturate by 10%, it is **D8E4E3**.

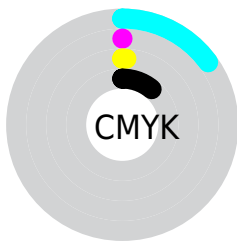
# Distribution



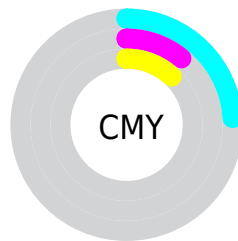
- Red (76%)
- Green (89%)
- Blue (88%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E4E1 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 C1E4E1 by changing the saturation by 10% instead.



 C1E4E1

 C1E4E1

FFFFFF

 A6C8C5

 FAFFFF

 8BADAA

 71928F

 587876

 405F5D

 294846

 12312F

 001C1B

 000000

 C1E4E1

 C1E4E1

 AAE4DF

 D8E4E3

 93E4DD

 EFE4E5

 7DE4DB

 FFE4E7

 66E4D9

 FFE4E9

 4FE4D7

 FFE4EB

 38E4D5

 FFE4ED

 21E4D3

 FFE4EF

 0BE4D1

 FFE4F1

 00E4D0

 FFE4F3

# Harmonies

## Analogous

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



C8E3D5



C1E4E1



C1E3EC

# Triad

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



C1E4E1



E5D9EE



EEDAC7

# Complementary

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



C1E4E1



E4C1C4

# 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.



F5D7CE



C1E4E1



F0D6E5

# Square

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



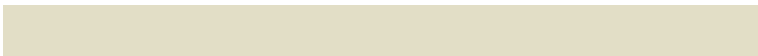
C1E4E1



D6DCF4



F6D5D9



E2DEC6

# Rectangle

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



C1E4E1



C6E1F1



F6D5D9



F1D9C9

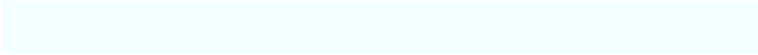


# Sweetspot

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



C1E4E1



F2FFFE



C5E4C1



78807F



000000



808080

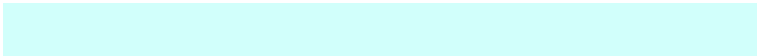


# Same Dimension

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



C1E4E1



D1FFFB



C1D6E4



677372



00B3A3



00332F



# Inverse Universe

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



E4C1C4



FFD1D5



E4CFC1



736768



B3000F

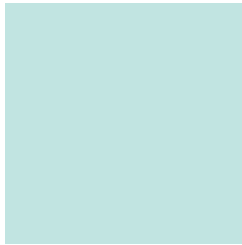


330004



# Previews

## White Background



This preview shows how the Hex color C1E4E1 looks on a white background.

## Color Contrast Check

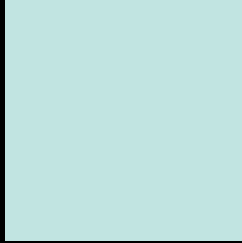
Large Text (above 18pt) WCAG AA × Fail

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 C1E4E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

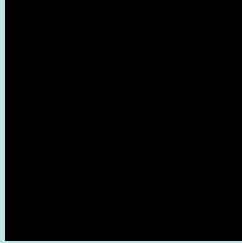
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

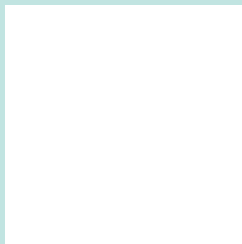
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E4E1 Background



This preview shows how black text looks on a background with the Hex color C1E4E1.



This preview shows how white text looks on a background with the Hex color C1E4E1.

# 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



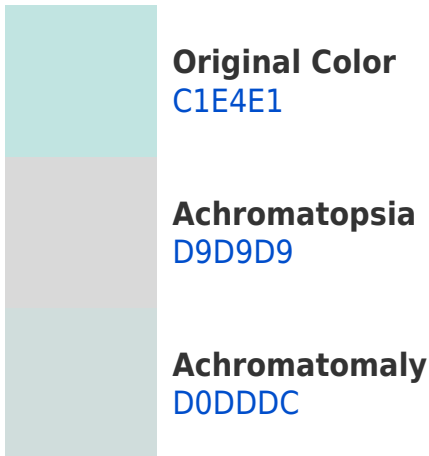


**Tritanopia**  
C4E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E4E1 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 #C1E4E1 looks like.

```
.text, #text, p{  
    color:#C1E4E1  
}
```

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 #C1E4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E4E1
}
```

## Border

The CSS property to change the border of an element to Hex C1E4E1 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
#C1E4E1 }
```

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

```
.border{ border-color:#C1E4E1 }
```

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

Here you see how a box with a 4 pixel #C1E4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E4E1; -webkit-box-shadow:4px 4px  
4px 4px #C1E4E1; box-shadow:4px 4px 4px  
4px #C1E4E1 }
```

# Background

The CSS property to change the background color of an element to Hex C1E4E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E4E1 }
```

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

```
.background{ background-color:#C1E4E1 }
```

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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