

Converting Colors

Hex(CCE1C7)

Have a look what the booklet for
Hex(CCE1C7) contains.

Hex(CCE1C7)	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(CCE1C7)

Conversions

Conversions Part 1

Format	Color
Hex	CCE1C7
RGB	204, 225, 199
RGB Percent	80%, 88%, 78%
CMY	0.2000, 0.1176, 0.2196
CMYK	0.09, 0.00, 0.12, 0.12
HSL	108°, 30%, 83%
HSV	108°, 12%, 88%
XYZ	62.1359, 70.8113, 64.4259
YIQ	215.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

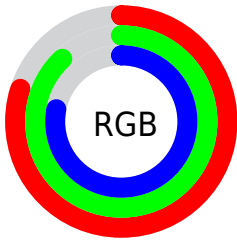
Format	Color
R _{YB}	199, 225, 220
Decimal	13427143
CIE _{Lab}	87.39, -11.71, 10.36
CIE _{LCh}	87, 15.636, 138.508
Y _{xy}	70.8113, 0.3148, 0.3588
Android (android.graphics.Color)	4291617223 (0xFFCCE1C7)
YUV	215.7570, -8.2612, -10.3109
Hunter-Lab	84.1495, -15.4574, 13.5115

Details

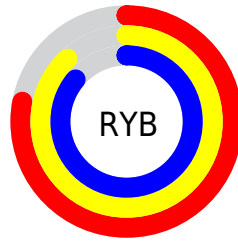
The Hex color **CCE1C7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DCC7E1**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **96AA91** is the 20% darker color. If you saturate the color by 10%, you get **BAE1B1**, and if you desaturate by 10%, it is **DEE1DE**.

Distribution



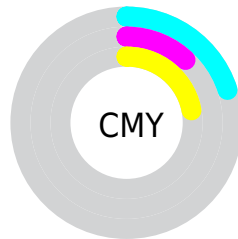
- Red (80%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCE1C7 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 CCE1C7 by changing the saturation by 10% instead.

 CCE1C7

FFFFFF

 CCE1C7

 B0C5AC

 96AA91

 7C8F77

 63765F

 4B5D47

 344530

 1E2F1B

 081B01

 000000

 CCE1C7

 CCE1C7

 BAE1B1

 DEE1DE

 A8E19A

 F0E1F4

 95E184

 FFE1FF

 83E16D

 71E157

 5FE140

 4DE129

 3BE113

 2BE100

Harmonies

Analogous

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



DDDDBF



CCE1C7



BDE3D5

Triad

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



CCE1C7



C4DEF8



FBD1D2

Complementary

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



CCE1C7



DCC7E1

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.



F6D1E1



CCE1C7



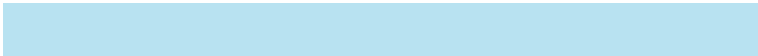
D7D9F7

Square

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



CCE1C7



B8E2F1



E9D4EF



F8D4C5

Rectangle

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



CCE1C7



B7E4DF



E9D4EF



FAD1D7

Sweetspot

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



CCE1C7



F9FFF7



E1DCC7



7B807A



000000



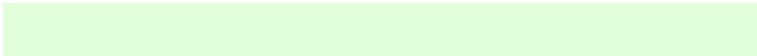
808080

Same Dimension

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



CCE1C7



E2FFDB



C7E1CF



677065



22B000



093000

Inverse Universe

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



DCC7E1



F8DBFF



E1C7D9



6E6570



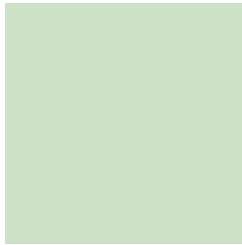
8E00B0



270030

Previews

White Background



This preview shows how the Hex color CCE1C7 looks on a white background.

Color Contrast Check

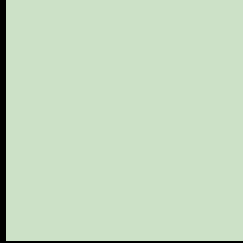
Large Text (above 18pt) WCAG AA × Fail

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 CCE1C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

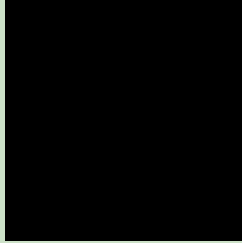
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

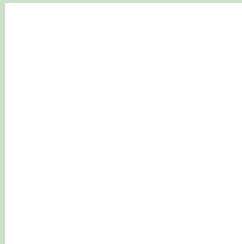
Any Text WCAG AAA ✓ Pass

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

Hex CCE1C7 Background



This preview shows how black text looks on a background with the Hex color CCE1C7.

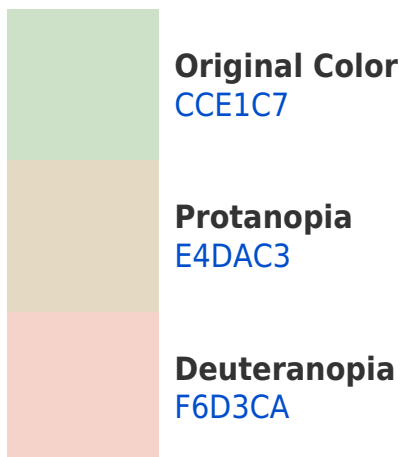


This preview shows how white text looks on a background with the Hex color CCE1C7.

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](#).

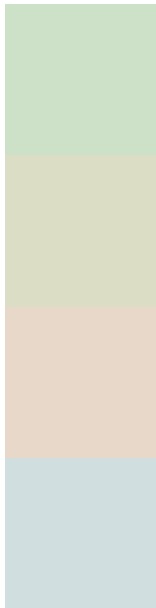
Dichromacy





Tritanopia
D2DCED

Trichromacy



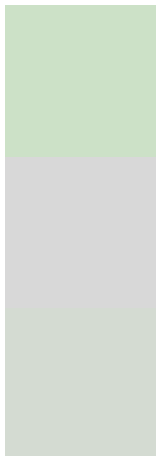
Original Color
CCE1C7

Protanomaly
DBDDC4

Deuteranomaly
E7D8C9

Tritanomaly
D0DEDF

Monochromacy



Original Color
CCE1C7

Achromatopsia
D8D8D8

Achromatomaly
D4DBD2

CSS Examples

Text

The CSS property to change the color of the text to Hex CCE1C7 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 #CCE1C7 looks like.

```
.text, #text, p{  
    color:#CCE1C7  
}
```

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 #CCE1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE1C7
}
```

Border

The CSS property to change the border of an element to Hex CCE1C7 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
#CCE1C7 }
```

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

```
.border{ border-color:#CCE1C7 }
```

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

Here you see how a box with a 4 pixel `#CCE1C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE1C7; -webkit-box-shadow:4px 4px  
4px 4px #CCE1C7; box-shadow:4px 4px 4px  
4px #CCE1C7 }
```

Background

The CSS property to change the background color of an element to Hex CCE1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE1C7 }
```

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

```
.background{ background-color:#CCE1C7 }
```

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