

# Converting Colors

Hex(CE898E)

Have a look what the booklet for  
Hex(CE898E) contains.

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# **Color**

**Hex(CE898E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE898E
RGB	206, 137, 142
RGB Percent	81%, 54%, 56%
CMY	0.1922, 0.4627, 0.4431
CMYK	0.00, 0.33, 0.31, 0.19
HSL	356°, 41%, 67%
HSV	356°, 33%, 81%
XYZ	39.2817, 32.9661, 29.8839
YIQ	158.2010, 39.5190, 16.1830

# Conversions

## Conversions Part 2

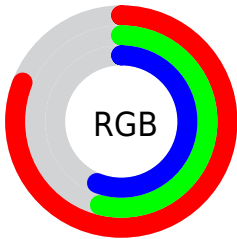
Format	Color
R <sub>Y</sub> B	206, 137, 142
Decimal	13535630
CIE Lab	64.13, 27.04, 8.19
CIE LCh	64, 28.248, 16.848
Yxy	32.9661, 0.3846, 0.3228
Android (android.graphics.Color)	4291725710 (0xFFCE898E)
YUV	158.2010, -7.9871, 41.9197
Hunter-Lab	57.4161, 21.6441, 9.3321

# Details

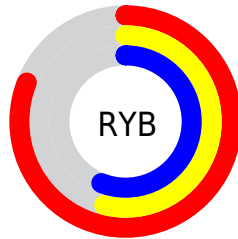
The Hex color **CE898E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89CEC9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBFC4**, and **96565C** is the 20% darker color. If you saturate the color by 10%, you get **CE747B**, and if you desaturate by 10%, it is **CE9EA1**.

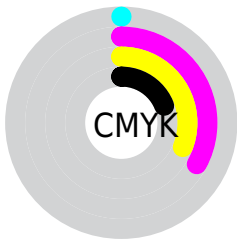
# Distribution



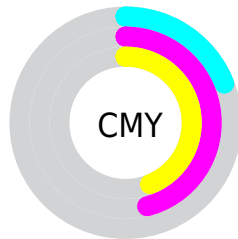
- Red (81%)
- Green (54%)
- Blue (56%)



- Red (81%)
- Yellow (54%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (19%)



- Cyan (19%)
- Magenta (46%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE898E 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 CE898E by changing the saturation by 10% instead.



 CE898E

 CE898E

FFFFFF

 B26F74

 FFBF4

 96565C

 FFD8E0

 7B3E44

 FFF8FC

 60272E

 470F1A

 300000

 050000

 000000

 CE898E

 CE898E

 CE747B

 CE9EA1

 CE6068

 CEB2B4

 CE4B55

 CEC7C7

 CE3742

 CEDBDA

 CE222E

 CEF0EE

 CE0D1B

 CEFFFF

 CE000F

# Harmonies

## Analogous

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



C68AA8



CE898E



C88E78

# Triad

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



CE898E



82A578



6AA1CC

# Complementary

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



CE898E



89CEC9

# 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.



4EA7BF



CE898E



65A98F

# Square

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



CE898E



9F9E6B



4EA9A9



8F99CB

# Rectangle

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



CE898E



BE936E



4EA9A9



5FA3C9



# Sweetspot

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



CE898E



FFE6E7



C889CE



807071



000000



808080



# Same Dimension

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



CE898E



FF99A0



CEA689



665C5D



A6000C



260003



# Inverse Universe

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



CE898E



FF99A0



89B1CE



665C5D



A6000C

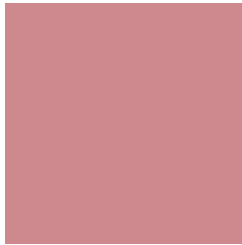


260003



# Previews

## White Background



This preview shows how the Hex color CE898E looks on a white background.

## Color Contrast Check

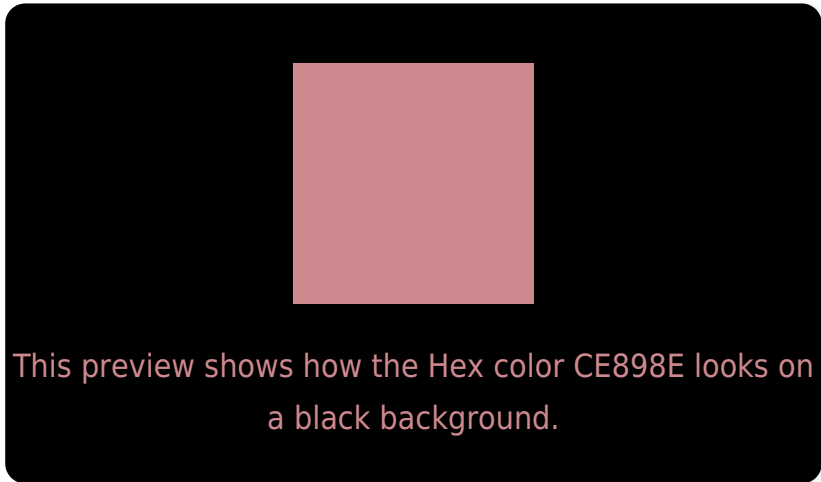
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 CE898E Background



This preview shows how black text looks on a background with the Hex color CE898E.



This preview shows how white text looks on a background with the Hex color CE898E.

# 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



**Original Color**  
CE898E

**Protanopia**  
9F9B98

**Deuteranopia**  
B1968C



**Tritanopia**  
CE8893

# Trichromacy



**Original Color**  
CE898E

**Protanomaly**  
B09494

**Deuteranomaly**  
BC918D

**Tritanomaly**  
CE8891

# Monochromacy



**Original Color**  
CE898E

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
AF9698

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE898E 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 #CE898E looks like.

```
.text, #text, p{  
    color:#CE898E  
}
```

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 #CE898E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE898E
}
```

## Border

The CSS property to change the border of an element to Hex CE898E is called "border". The border property can be set on classes, ids or directly on the HTML element.

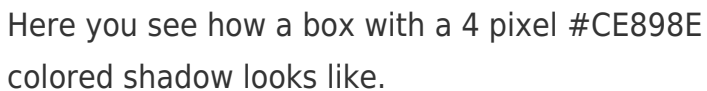
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE898E }
```

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

```
.border{ border-color:#CE898E }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

Here you see how a box with a 4 pixel #CE898E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE898E; -webkit-box-shadow:4px 4px  
4px 4px #CE898E; box-shadow:4px 4px 4px  
4px #CE898E }
```

# Background

The CSS property to change the background color of an element to Hex CE898E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE898E }
```

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

```
.background{ background-color:#CE898E }
```

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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