

Converting Colors

Hex(CCEB8E)

Have a look what the booklet for
Hex(CCEB8E) contains.

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Color

Hex(CCEB8E)

Conversions

Conversions Part 1

Format	Color
Hex	CCEB8E
RGB	204, 235, 142
RGB Percent	80%, 92%, 56%
CMY	0.2000, 0.0784, 0.4431
CMYK	0.13, 0.00, 0.40, 0.08
HSL	80°, 70%, 74%
HSV	80°, 40%, 92%
XYZ	59.4927, 74.2070, 36.7790
YIQ	215.1290, 11.3770, -35.4950

Conversions

Conversions Part 2

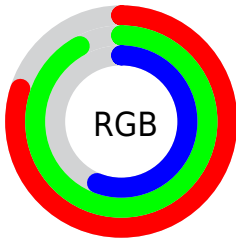
Format	Color
RYB	142, 235, 173
Decimal	13429646
CIELab	89.02, -24.97, 41.78
CIElCh	89, 48.674, 120.861
Yxy	74.2070, 0.3490, 0.4353
Android (android.graphics.Color)	4291619726 (0xFFCCEB8E)
YUV	215.1290, -36.0526, -9.7601
Hunter-Lab	86.1435, -27.4750, 34.9866

Details

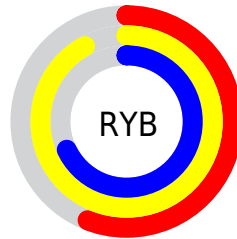
The Hex color **CCEB8E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AD8EEB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFC5**, and **94B35A** is the 20% darker color. If you saturate the color by 10%, you get **C4EB76**, and if you desaturate by 10%, it is **D4EBA6**.

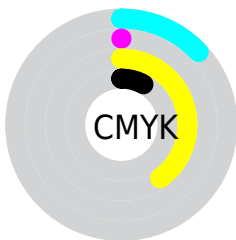
Distribution



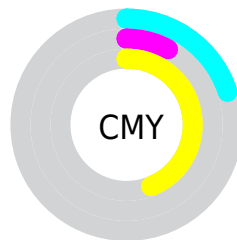
- Red (80%)
- Green (92%)
- Blue (56%)



- Red (56%)
- Yellow (92%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEB8E 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 CCEB8E by changing the saturation by 10% instead.

 CCEB8E

 CCEB8E

FFFFFF

 B0CF74

 FFFFC5

 94B35A

 FFFFE1

 7A9841

FFFFFFE

 5F7E28

 46650C

 2D4D00

 143600

 002100

 000000

 CCEB8E

 CCEB8E

 C4EB76

 D4EBA6

 BCEB5F

 DCEBBD

 B5EB47

 E3EBD4

 ADEB30

 EBEBEC

 A5EB18

 F3EBFF

 9DEB01

 FBEBFF

 9DEB00

 FFEbff

Harmonies

Analogous

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



FCDD82



CCEB8E



94F4B1

Triad

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



CCEB8E



3CF0FF



FFBBE0

Complementary

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



CCEB8E



AD8EEB

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.



FFC3FF



CCEB8E



9CE4FF

Square

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



CCEB8E



00F7FF



E6D3FF



FFBFB2

Rectangle

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



CCEB8E



68F7CF



E6D3FF



FFBCF0

Sweetspot

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



CCEB8E



F5FFE0



EBAD8E



7A806E



000000



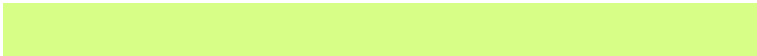
808080

Same Dimension

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



CCEB8E



D7FF87



9FEB8E



71756A



79B500



243600

Inverse Universe

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



AD8EEB



AF87FF



DC8EEB



6D6A75



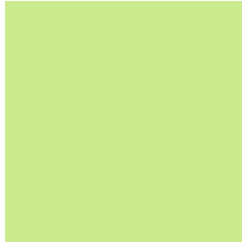
3C00B5



120036

Previews

White Background



This preview shows how the Hex color CCEB8E looks on a white background.

Color Contrast Check

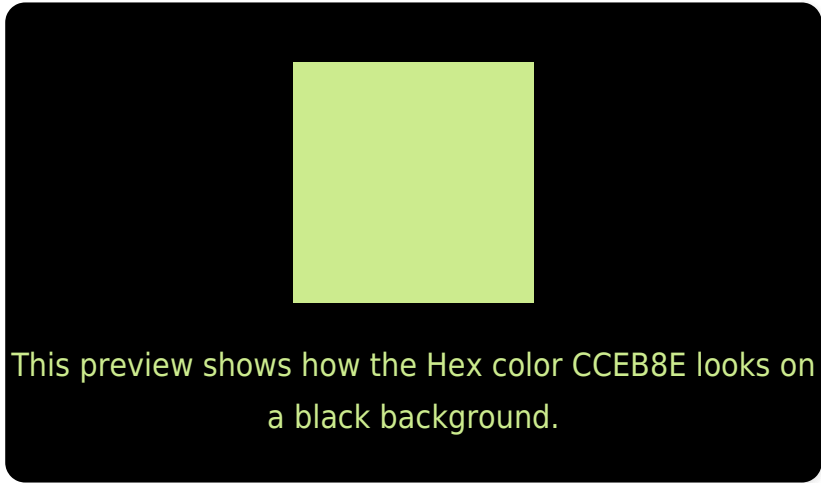
Large Text (above 18pt) WCAG AA × Fail

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 CCEB8E Background



This preview shows how black text looks on a background with the Hex color CCEB8E.

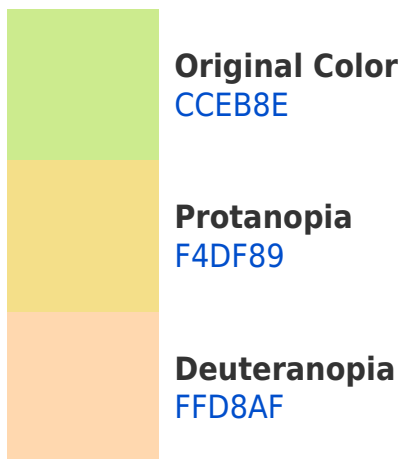


This preview shows how white text looks on a background with the Hex color CCEB8E.

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
D9DFF1

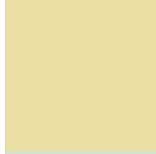
Trichromacy



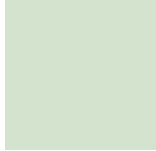
Original Color
CCEB8E



Protanomaly
E5E38B



Deuteranomaly
ECDFA3

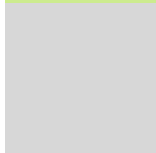


Tritanomaly
D4E3CD

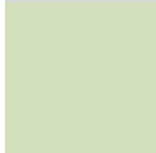
Monochromacy



Original Color
CCEB8E



Achromatopsia
D7D7D7



Achromatomaly
D3DEBC

CSS Examples

Text

The CSS property to change the color of the text to Hex CCEB8E 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 #CCEB8E looks like.

```
.text, #text, p{  
    color:#CCEB8E  
}
```

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 #CCEB8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEB8E
}
```

Border

The CSS property to change the border of an element to Hex CCEB8E 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
#CCEB8E }
```

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

```
.border{ border-color:#CCEB8E }
```

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

Here you see how a box with a 4 pixel #CCEB8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEB8E; -webkit-box-shadow:4px 4px  
4px 4px #CCEB8E; box-shadow:4px 4px 4px  
4px #CCEB8E }
```

Background

The CSS property to change the background color of an element to Hex CCEB8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEB8E }
```

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

```
.background{ background-color:#CCEB8E }
```

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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