

Converting Colors

Hex(C2E995)

Have a look what the booklet for
Hex(C2E995) contains.

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Color

Hex(C2E995)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C2E995 |
| RGB | 194, 233, 149 |
| RGB Percent | 76%, 91%, 58% |
| CMY | 0.2392, 0.0863, 0.4157 |
| CMYK | 0.17, 0.00, 0.36, 0.09 |
| HSL | 88°, 66%, 75% |
| HSV | 88°, 36%, 91% |
| XYZ | 56.8119, 71.9171, 39.3209 |
| YIQ | 211.7630, 3.7200, -34.3920 |

Conversions

Conversions Part 2

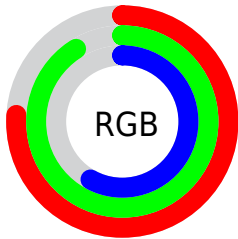
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 149, 233, 188 |
| Decimal | 12773781 |
| CIELab | 87.93, -26.79, 36.76 |
| CIELCh | 88, 45.486, 126.078 |
| Yxy | 71.9171, 0.3381, 0.4280 |
| Android (android.graphics.Color) | 4290963861 (0xFFC2E995) |
| YUV | 211.7630, -30.9422, -15.5782 |
| Hunter-Lab | 84.8039, -28.8262, 31.8719 |

Details

The Hex color **C2E995** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC95E9**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FBFCC**, and **8BB161** is the 20% darker color. If you saturate the color by 10%, you get **B7E97E**, and if you desaturate by 10%, it is **CDE9AC**.

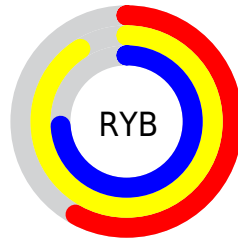
Distribution



Red (76%)

Green (91%)

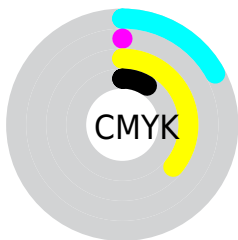
Blue (58%)



Red (58%)

Yellow (91%)

Blue (74%)

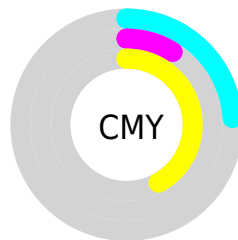


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (9%)



Cyan (24%)

Magenta (9%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E995 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 C2E995 by changing the saturation by 10% instead.

 C2E995

 C2E995

FFFFFF

 A6CD7B

 FBFFCC

 8BB161

 FFFF8

 719648

 577C30

 3E6317

 254B00

 0C3400

 002000

 000000

 C2E995

 C2E995

 B7E97E

 CDE9AC

 ACE966

 D8E9C4

 A2E94F

 E2E9DB

 97E938

 EDE9F2

 8CE921

 F8E9FF

 81E909

 FFE9FF

 7DE900

Harmonies

Analogous

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



F1DD85



C2E995



8DF1B8

Triad

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



C2E995



60EAFF



FFBBD5

Complementary

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



C2E995



BC95E9

Split Complementary

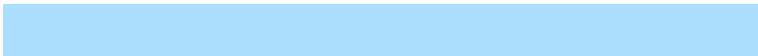
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC0FF



C2E995



ACDEFF

Square

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



C2E995



20F2FF



EDCEFF



FFC0AC

Rectangle

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



C2E995



66F3D5



EDCEFF



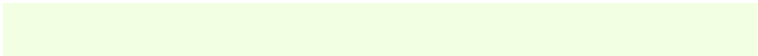
FFBBE4

Sweetspot

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



C2E995



F2FFE3



E9BB95



78806F



000000



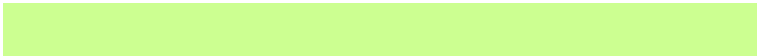
808080

Same Dimension

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



C2E995



CCFF91



99E995



70756A



61B500



1D3600

Inverse Universe

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



BC95E9



C491FF



E595E9



6F6A75



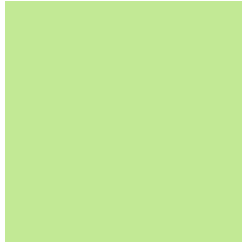
5400B5



190036

Previews

White Background



This preview shows how the Hex color C2E995 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 C2E995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

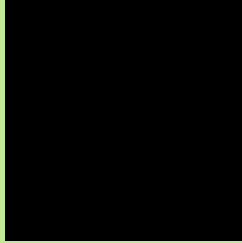
Any Text WCAG AA ✓ Pass

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 C2E995 Background



This preview shows how black text looks on a background with the Hex color C2E995.

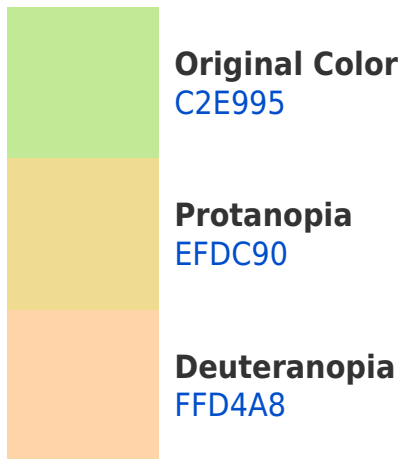


This preview shows how white text looks on a background with the Hex color C2E995.

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



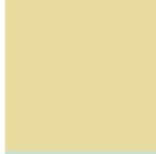
Trichromacy



Original Color
C2E995



Protanomaly
DFE192



Deuteranomaly
E9DCA1

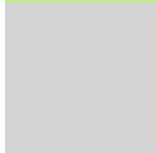


Tritanomaly
CAE2CF

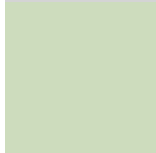
Monochromacy



Original Color
C2E995



Achromatopsia
D4D4D4



Achromatomaly
CDDCBD

CSS Examples

Text

The CSS property to change the color of the text to Hex C2E995 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 #C2E995 looks like.

```
.text, #text, p{  
    color:#C2E995  
}
```

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 #C2E995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E995
}
```

Border

The CSS property to change the border of an element to Hex C2E995 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
#C2E995 }
```

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

```
.border{ border-color:#C2E995 }
```

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

Here you see how a box with a 4 pixel #C2E995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E995; -webkit-box-shadow:4px 4px  
4px 4px #C2E995; box-shadow:4px 4px 4px  
4px #C2E995 }
```

Background

The CSS property to change the background color of an element to Hex C2E995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E995 }
```

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

```
.background{ background-color:#C2E995 }
```

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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