

Converting Colors

CIELCh(80, 27.503, 76.805)

Have a look what the booklet for
CIELCh(80, 27.503, 76.805) contains.

CIELCh(80, 27.532, 76.786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 27.532, 76.786)

Conversions

Conversions Part 1

Format	Color
Hex	E4C195
RGB	228, 193, 149
RGB Percent	89%, 76%, 58%
CMY	0.1067, 0.2439, 0.4164
CMYK	0.00, 0.15, 0.35, 0.11
HSL	33°, 59%, 74%
HSV	33°, 35%, 89%
XYZ	56.3696, 56.6813, 36.3273
YIQ	198.4490, 34.9840, -6.2640

Conversions

Conversions Part 2

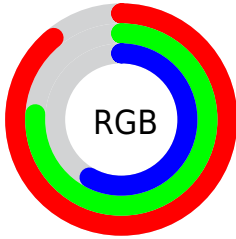
Format	Color
R_{YB}	212, 228, 149
Decimal	14991765
CIE Lab	80.00, 6.29, 26.80
CIE LCh	80, 27.532, 76.786
Yxy	56.6813, 0.3774, 0.3794
Android (android.graphics.Color)	4293181845 (0xFFE4C195)
YUV	198.4490, -24.3784, 25.9162
Hunter-Lab	75.2870, 1.8960, 24.0924

Details

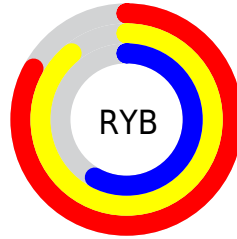
The CIELCh color **80, 27.532, 76.786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 25.838, 267.132**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 23.429, 102.841**, and **60, 27.472, 77.544** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.109, 75.421**, and if you desaturate by 10%, it is **83, 19.228, 78.132**.

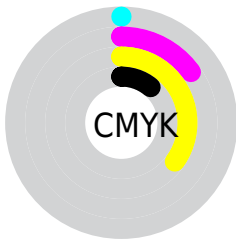
Distribution



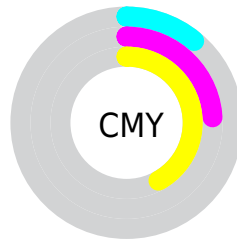
- Red (89%)
- Green (76%)
- Blue (58%)



- Red (83%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.532, 76.786 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 CIELCh color 80, 27.532, 76.786 by changing the saturation by 10% instead.

80, 27.532, 76.786

80, 27.532, 76.786

100, 27.532,
76.786

70, 27.532, 76.786

60, 27.532, 76.786

50, 27.532, 76.786

40, 27.532, 76.786

30, 27.532, 76.786

20, 27.532, 76.786

10, 27.532, 76.786

0, 27.532, 76.786

80, 27.532, 76.786

80, 27.532, 76.786

77, 36.109, 75.421

83, 19.228, 78.132

74, 44.882, 74.012

86, 11.219, 79.435

72, 53.669, 72.533

89, 3.501, 80.648

69, 62.096, 70.912

92, 3.944, 262.083

67, 69.473, 68.989

95, 7.908, 249.001

64, 74.797, 66.487

98, 8.713, 204.476

63, 76.875, 64.960

98, 9.250, 198.893

Harmonies

Complementary

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



80, 27.532, 76.786



74, 25.838, 267.132

Rectangle

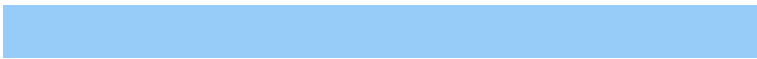
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 27.532, 76.786



80, 27.532, 126.786



80, 27.532, 256.786



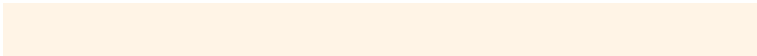
80, 27.532, 306.786

Sweetspot

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



80, 27.532, 76.792



97, 8.306, 80.016



70, 35.160, 349.985



51, 5.683, 79.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 27.532, 76.792



86, 37.049, 75.755



89, 40.368, 109.058



47, 4.326, 80.090



50, 63.931, 65.588



13, 21.070, 66.906

Inverse Universe

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



74, 25.838, 267.132



78, 34.260, 268.904



65, 44.025, 296.205



46, 4.267, 262.652



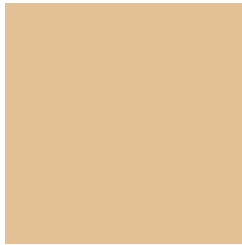
36, 61.617, 289.063



8, 21.806, 280.880

Previews

White Background



This preview shows how the CIELCh color 80, 27.532, 76.786 looks on a white background.

Color Contrast Check

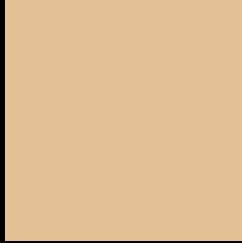
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 27.532, 76.786 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](#).

CIELCh 80, 27.532, 76.786

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.532, 76.786.



This preview shows how white text looks on a background with the CIELCh color 80, 27.532, 76.786.

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

80, 27.532, 76.786

Protanopia

80, 25.471, 95.129

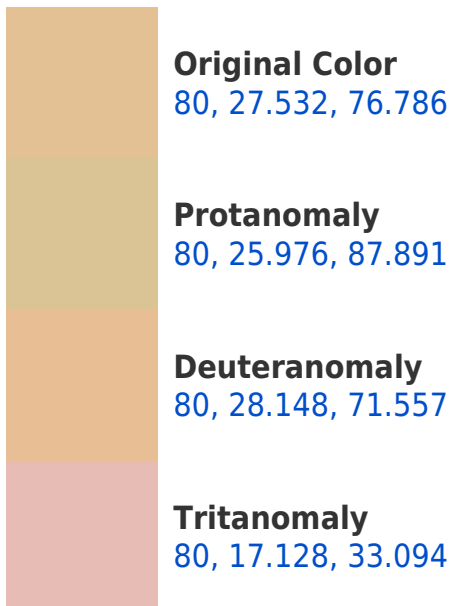
Deuteranopia

80, 28.549, 69.042

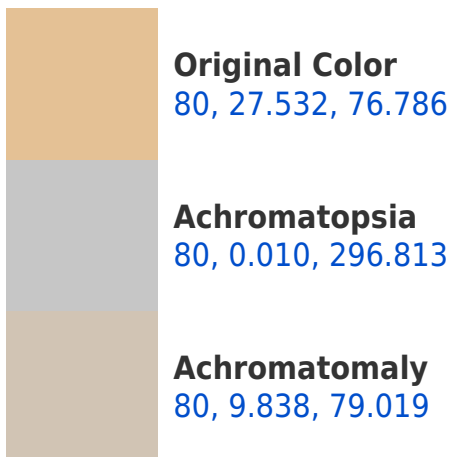


Tritanopia
80, 19.057, 358.166

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.532, 76.786 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 `rgb(228, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 149)  
}
```

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 rgb(228, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.532, 76.786 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 rgb(228, 193, 149) }
```

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

```
.border{ border-color:rgb(228, 193, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 193, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 193, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 193, 149); box-shadow:4px 4px 4px 4px rgb(228, 193, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.532, 76.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 149) }
```

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

```
.background{ background-color: rgb(228,  
193, 149) }
```

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