

Converting Colors

CIELCh(82, 40.306, 87.148)

Have a look what the booklet for
CIELCh(82, 40.306, 87.148) contains.

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Color

CIELCh(82, 40.289, 86.709)

Conversions

Conversions Part 1

Format	Color
Hex	E9C880
RGB	233, 200, 128
RGB Percent	91%, 78%, 50%
CMY	0.0856, 0.2150, 0.4974
CMYK	0.00, 0.14, 0.45, 0.09
HSL	41°, 71%, 71%
HSV	41°, 45%, 91%
XYZ	58.2582, 60.2982, 29.0429
YIQ	201.6590, 42.7800, -15.3960

Conversions

Conversions Part 2

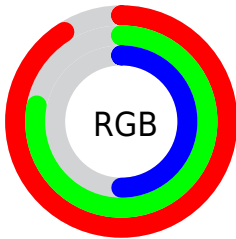
Format	Color
RYB	176, 233, 128
Decimal	15321216
CIELab	82.00, 2.31, 40.22
CIElCh	82, 40.289, 86.709
Yxy	60.2982, 0.3947, 0.4085
Android (android.graphics.Color)	4293511296 (0xFFE9C880)
YUV	201.6590, -36.3139, 27.4861
Hunter-Lab	77.6519, -1.9716, 32.1810

Details

The CIELCh color **82, 40.289, 86.709** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 40.501, 280.499**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **62, 40.250, 86.770** is the 20% darker color. If you saturate the color by 10%, you get **80, 49.340, 85.289**, and if you desaturate by 10%, it is **84, 31.157, 88.092**.

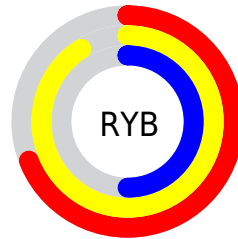
Distribution



Red (91%)

Green (78%)

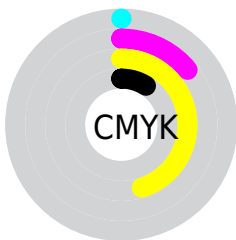
Blue (50%)



Red (69%)

Yellow (91%)

Blue (50%)

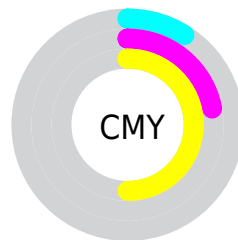


Cyan (0%)

Magenta (14%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (22%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 40.289, 86.709 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 82, 40.289, 86.709 by changing the saturation by 10% instead.

 82, 40.289, 86.709

 82, 40.289, 86.709

 100, 40.289,
86.709

 72, 40.289, 86.709

 62, 40.289, 86.709

 52, 40.289, 86.709

 42, 40.289, 86.709

 32, 40.289, 86.709

 22, 40.289, 86.709

 12, 40.289, 86.709

 2, 40.289, 86.709

 0, 40.289, 86.709

82, 40.289, 86.709

82, 40.289, 86.709

80, 49.340, 85.289

84, 31.157, 88.092

78, 58.038, 83.801

86, 22.083, 89.431

76, 65.910, 82.201

89, 13.138, 90.724

74, 72.210, 80.390

91, 4.353, 91.943

72, 76.059, 78.205

94, 4.265, 273.273

71, 77.222, 77.000

96, 6.654, 256.353

98, 6.474, 215.357

98, 7.464, 199.022

Harmonies

Complementary

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



82, 40.289, 86.709



67, 40.501, 280.499

Rectangle

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



82, 40.289, 86.709



82, 40.289, 136.709



82, 40.289, 266.709



82, 40.289, 316.709

Sweetspot

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



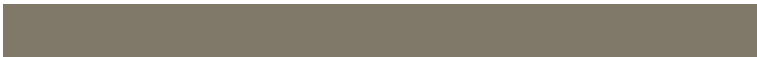
82, 40.290, 86.713



96, 13.139, 90.847



66, 44.046, 0.548



51, 9.090, 90.572



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 40.290, 86.713



87, 52.054, 85.402



89, 53.363, 114.210



48, 4.959, 91.419



56, 63.931, 77.483



16, 23.614, 80.359

Inverse Universe

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



67, 40.501, 280.499



67, 52.735, 282.898



60, 59.674, 301.686



46, 4.968, 273.880



30, 77.796, 297.577



6, 27.497, 289.849

Previews

White Background



This preview shows how the CIELCh color 82, 40.289, 86.709 looks on a white background.

Color Contrast Check

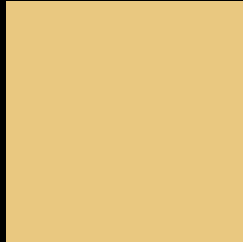
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 40.289, 86.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

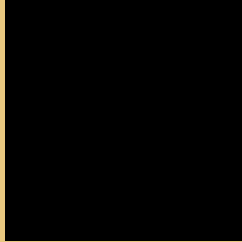
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 40.289, 86.709

Background



This preview shows how black text looks on a background with the CIELCh color 82, 40.289, 86.709.



This preview shows how white text looks on a background with the CIELCh color 82, 40.289, 86.709.

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](#).

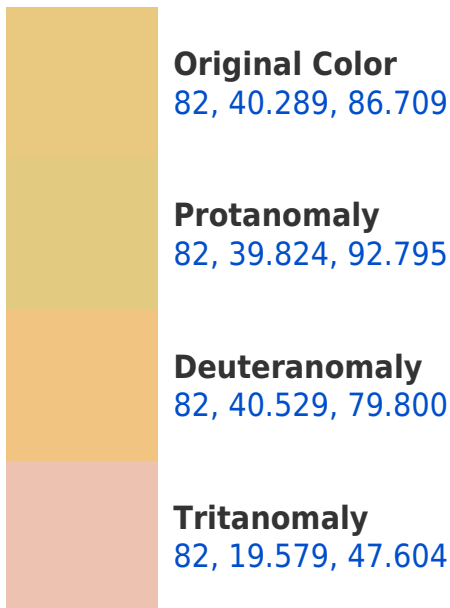
Dichromacy





Tritanopia
82, 20.017, 359.503

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 40.289, 86.709 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(233, 200, 128)` looks like.

```
.text, #text, p{  
    color:rgb(233, 200, 128)  
}
```

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(233, 200, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 200, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 40.289, 86.709 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(233, 200, 128) }
```

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

```
.border{ border-color:rgb(233, 200, 128) }
```

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

Here you see how a box with a 4 pixel rgb(233, 200, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 200, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 200, 128);  
box-shadow:4px 4px 4px 4px rgb(233, 200,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 40.289, 86.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 200, 128) }
```

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

```
.background{ background-color: rgb(233,  
200, 128) }
```

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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