

Converting Colors

CIELCh(82, 41.531, 88.298)

Have a look what the booklet for
CIELCh(82, 41.531, 88.298) contains.

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Color

CIELCh(82, 41.399, 88.344)

Conversions

Conversions Part 1

Format	Color
Hex	E8C97E
RGB	232, 201, 126
RGB Percent	91%, 79%, 49%
CMY	0.0911, 0.2125, 0.5066
CMYK	0.00, 0.13, 0.46, 0.09
HSL	42°, 70%, 70%
HSV	42°, 46%, 91%
XYZ	57.8000, 60.2982, 28.2655
YIQ	201.7190, 42.5510, -16.7530

Conversions

Conversions Part 2

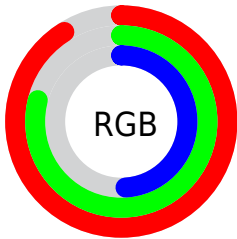
Format	Color
RYB	170, 232, 126
Decimal	15255934
CIELab	82.00, 1.20, 41.38
CIELCh	82, 41.399, 88.344
Yxy	60.2982, 0.3949, 0.4120
Android (android.graphics.Color)	4293446014 (0xFFE8C97E)
YUV	201.7190, -37.3295, 26.5564
Hunter-Lab	77.6519, -3.0249, 32.7746

Details

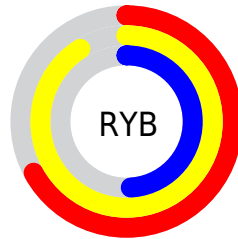
The CIELCh color **82, 41.399, 88.344** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65, 42.161, 282.198**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **62, 41.357, 88.448** is the 20% darker color. If you saturate the color by 10%, you get **80, 50.443, 86.946**, and if you desaturate by 10%, it is **84, 32.215, 89.709**.

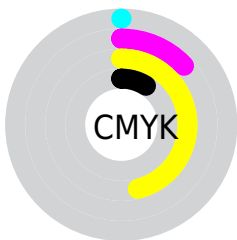
Distribution



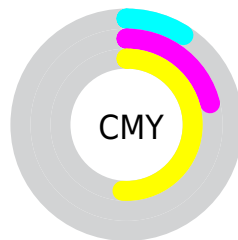
- Red (91%)
- Green (79%)
- Blue (49%)



- Red (67%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 41.399, 88.344 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, 41.399, 88.344 by changing the saturation by 10% instead.

 82, 41.399, 88.344

 82, 41.399, 88.344

 100, 41.399,
88.344

 72, 41.399, 88.344

 62, 41.399, 88.344

 52, 41.399, 88.344

 42, 41.399, 88.344

 32, 41.399, 88.344

 22, 41.399, 88.344

 12, 41.399, 88.344

 2, 41.399, 88.344

 0, 41.399, 88.344

82, 41.399, 88.344

82, 41.399, 88.344

80, 50.443, 86.946

84, 32.215, 89.709

78, 59.053, 85.485

86, 23.045, 91.031

76, 66.731, 83.921

88, 13.973, 92.311

74, 72.720, 82.167

91, 5.036, 93.526

73, 76.186, 80.075

93, 3.752, 274.835

72, 77.112, 79.102

95, 7.643, 265.143

97, 6.537, 231.248

98, 7.928, 198.987

Harmonies

Complementary

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



82, 41.399, 88.344



65, 42.161, 282.198

Rectangle

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



82, 41.399, 88.344



82, 41.399, 138.344



82, 41.399, 268.344



82, 41.399, 318.344

Sweetspot

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



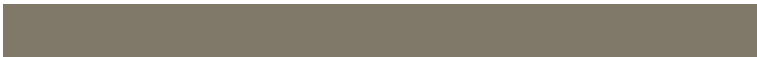
82, 41.400, 88.348



97, 13.426, 92.518



65, 44.299, 1.883



51, 9.286, 92.246



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, 41.400, 88.348



87, 53.805, 87.008



88, 53.975, 114.903



47, 4.979, 93.086



57, 63.478, 79.567



15, 22.697, 82.533

Inverse Universe

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



65, 42.161, 282.198



65, 55.451, 284.674



59, 60.381, 302.255



45, 4.999, 275.504



29, 79.449, 298.643



5, 26.683, 289.516

Previews

White Background



This preview shows how the CIELCh color 82, 41.399, 88.344 looks on a white background.

Color Contrast Check

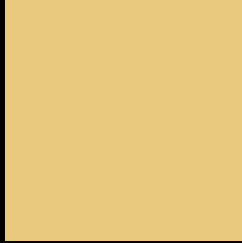
Large Text (above 18pt) WCAG AA × Fail

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, 41.399, 88.344 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, 41.399, 88.344

Background



This preview shows how black text looks on a background with the CIELCh color 82, 41.399, 88.344.



This preview shows how white text looks on a background with the CIELCh color 82, 41.399, 88.344.

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

82, 41.399, 88.344

Protanopia

82, 40.874, 95.420

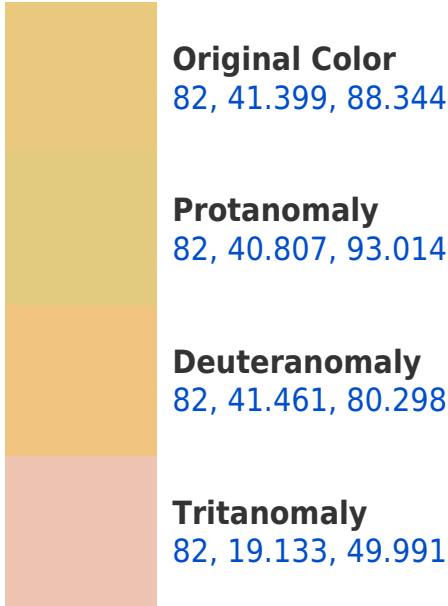
Deuteranopia

82, 42.411, 75.755



Tritanopia
82, 19.838, 357.624

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 41.399, 88.344 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(232, 201, 126)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 126)  
}
```

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(232, 201, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 41.399, 88.344 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(232, 201, 126) }
```

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

```
.border{ border-color:rgb(232, 201, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 201, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 201, 126); box-shadow:4px 4px 4px 4px rgb(232, 201, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 41.399, 88.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 126) }
```

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

```
.background{ background-color: rgb(232,  
201, 126) }
```

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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