

Converting Colors

CIELCh(80, 40.337, 89.207)

Have a look what the booklet for
CIELCh(80, 40.337, 89.207) contains.

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Color

CIELCh(80, 40.182, 89.601)

Conversions

Conversions Part 1

Format	Color
Hex	E0C47B
RGB	224, 196, 123
RGB Percent	88%, 77%, 48%
CMY	0.1221, 0.2318, 0.5181
CMYK	0.00, 0.13, 0.45, 0.12
HSL	43°, 62%, 68%
HSV	43°, 45%, 88%
XYZ	53.9832, 56.6813, 26.7978
YIQ	196.0500, 40.1210, -16.7670

Conversions

Conversions Part 2

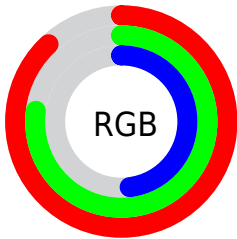
Format	Color
RYB	162, 224, 123
Decimal	14730363
CIELab	80.00, 0.28, 40.18
CIELCh	80, 40.182, 89.601
Yxy	56.6813, 0.3927, 0.4123
Android (android.graphics.Color)	4292920443 (0xFFE0C47B)
YUV	196.0500, -36.0136, 24.5122
Hunter-Lab	75.2870, -3.7619, 31.5970

Details

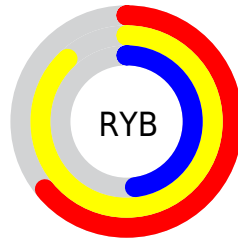
The CIELCh color **80, 40.182, 89.601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63, 41.228, 283.047**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.737, 105.507**, and **60, 40.269, 89.198** is the 20% darker color. If you saturate the color by 10%, you get **78, 49.034, 88.229**, and if you desaturate by 10%, it is **82, 31.178, 90.944**.

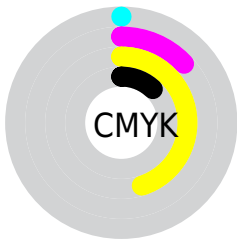
Distribution



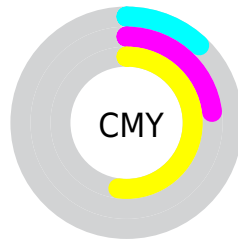
- Red (88%)
- Green (77%)
- Blue (48%)



- Red (64%)
- Yellow (88%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 40.182, 89.601 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, 40.182, 89.601 by changing the saturation by 10% instead.

80, 40.182, 89.601

80, 40.182, 89.601

100, 40.182,
89.601

70, 40.182, 89.601

60, 40.182, 89.601

50, 40.182, 89.601

40, 40.182, 89.601

30, 40.182, 89.601

20, 40.182, 89.601

10, 40.182, 89.601

0, 40.182, 89.601

80, 40.182, 89.601

80, 40.182, 89.601

78, 49.034, 88.229

82, 31.178, 90.944

76, 57.453, 86.801

84, 22.172, 92.247

75, 64.967, 85.287

86, 13.246, 93.508

73, 70.862, 83.611

88, 4.438, 94.702

71, 74.340, 81.645

90, 4.237, 275.985

71, 75.359, 80.595

92, 11.672,
275.566

94, 9.516, 257.522

95, 8.698, 233.163

97, 9.540, 209.022

Harmonies

Complementary

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



80, 40.182, 89.601



63, 41.228, 283.047

Rectangle

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



80, 40.182, 89.601



80, 40.182, 139.601



80, 40.182, 269.601



80, 40.182, 319.601

Sweetspot

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



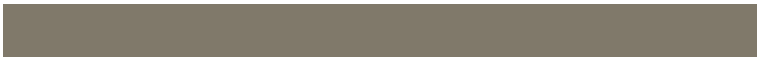
80, 40.183, 89.605



97, 13.631, 93.632



64, 42.308, 2.968



51, 9.427, 93.364



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, 40.183, 89.605



88, 53.414, 88.329



86, 51.943, 115.674



46, 4.965, 94.198



57, 63.012, 81.007



15, 21.657, 84.075

Inverse Universe

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



63, 41.228, 283.047



65, 55.528, 285.391



58, 57.878, 302.662



44, 4.991, 276.584



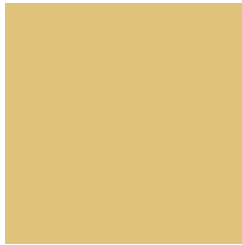
28, 80.237, 299.322



5, 25.537, 288.888

Previews

White Background



This preview shows how the CIELCh color 80, 40.182, 89.601 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 80, 40.182, 89.601 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, 40.182, 89.601

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.182, 89.601.



This preview shows how white text looks on a background with the CIELCh color 80, 40.182, 89.601.

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](#).

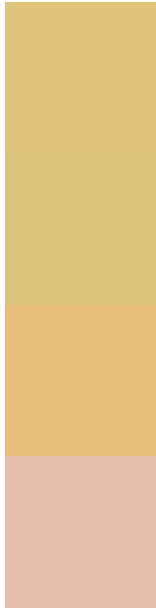
Dichromacy





Tritanopia
80, 18.895, 356.173

Trichromacy



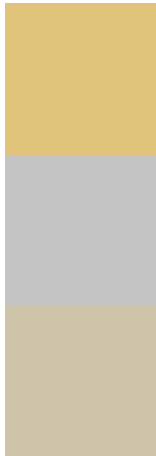
Original Color
80, 40.182, 89.601

Protanomaly
80, 39.419, 93.131

Deuteranomaly
80, 40.316, 80.721

Tritanomaly
80, 17.895, 50.440

Monochromacy



Original Color
80, 40.182, 89.601

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.850, 93.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 40.182, 89.601 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(224, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 123)  
}
```

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(224, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.182, 89.601 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(224, 196, 123) }
```

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

```
.border{ border-color:rgb(224, 196, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 196, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 123);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.182, 89.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 123) }
```

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

```
.background{ background-color: rgb(224,  
196, 123) }
```

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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