

Converting Colors

CIELCh(80, 40.328, 89.117)

Have a look what the booklet for
CIELCh(80, 40.328, 89.117) contains.

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Color

CIELCh(80, 40.320, 89.029)

Conversions

Conversions Part 1

Format	Color
Hex	E1C47B
RGB	225, 196, 123
RGB Percent	88%, 77%, 48%
CMY	0.1192, 0.2328, 0.5190
CMYK	0.00, 0.13, 0.45, 0.12
HSL	43°, 63%, 68%
HSV	43°, 45%, 88%
XYZ	54.1412, 56.6813, 26.7125
YIQ	196.3490, 40.7170, -16.5550

Conversions

Conversions Part 2

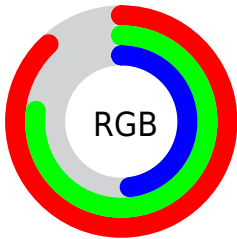
Format	Color
RYB	164, 225, 123
Decimal	14795899
CIELab	80.00, 0.68, 40.31
CIELCh	80, 40.320, 89.029
Yxy	56.6813, 0.3937, 0.4121
Android (android.graphics.Color)	4292985979 (0xFFE1C47B)
YUV	196.3490, -36.1611, 25.1269
Hunter-Lab	75.2870, -3.3874, 31.6643

Details

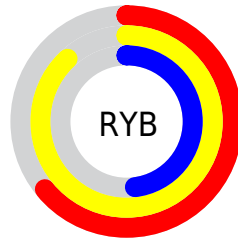
The CIELCh color **80, 40.320, 89.029** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63, 41.229, 282.651**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.737, 105.507**, and **60, 40.417, 88.579** is the 20% darker color. If you saturate the color by 10%, you get **78, 49.168, 87.646**, and if you desaturate by 10%, it is **82, 31.327, 90.381**.

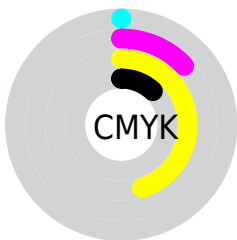
Distribution



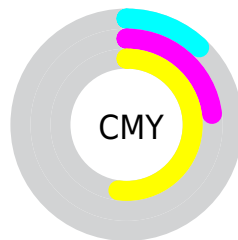
- Red (88%)
- Green (77%)
- Blue (48%)



- 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, 40.320, 89.029 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, 40.320, 89.029 by changing the saturation by 10% instead.

80, 40.320, 89.029

80, 40.320, 89.029

100, 40.320,
89.029

70, 40.320, 89.029

60, 40.320, 89.029

50, 40.320, 89.029

40, 40.320, 89.029

30, 40.320, 89.029

20, 40.320, 89.029

10, 40.320, 89.029

0, 40.320, 89.029

80, 40.320, 89.029

80, 40.320, 89.029

78, 49.168, 87.646

82, 31.327, 90.381

76, 57.589, 86.204

84, 22.341, 91.692

74, 65.105, 84.669

86, 13.440, 92.961

73, 70.994, 82.959

88, 4.665, 94.164

71, 74.448, 80.939

90, 3.972, 275.458

70, 75.431, 79.927

93, 11.266,
274.791

94, 9.139, 255.199

96, 8.521, 229.100

97, 9.676, 204.699

Harmonies

Complementary

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



80, 40.320, 89.029



63, 41.229, 282.651

Rectangle

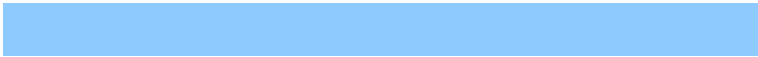
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 40.320, 89.029



80, 40.320, 139.029



80, 40.320, 269.029



80, 40.320, 319.029

Sweetspot

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



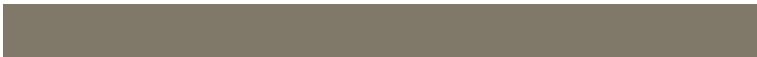
80, 40.321, 89.033



97, 13.536, 93.122



64, 42.869, 1.804



51, 9.361, 92.852



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, 40.321, 89.033



88, 53.147, 87.788



86, 52.267, 114.928



46, 4.929, 93.690



56, 62.912, 80.356



15, 21.540, 83.413

Inverse Universe

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



63, 41.229, 282.651



66, 54.992, 284.937



57, 58.397, 302.205



44, 4.952, 276.088



28, 79.448, 298.997



5, 25.362, 288.629

Previews

White Background



This preview shows how the CIELCh color 80, 40.320, 89.029 looks on a white background.

Color Contrast Check

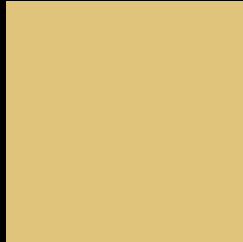
Large Text (above 18pt) WCAG AA × Fail

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, 40.320, 89.029 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, 40.320, 89.029

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.320, 89.029.

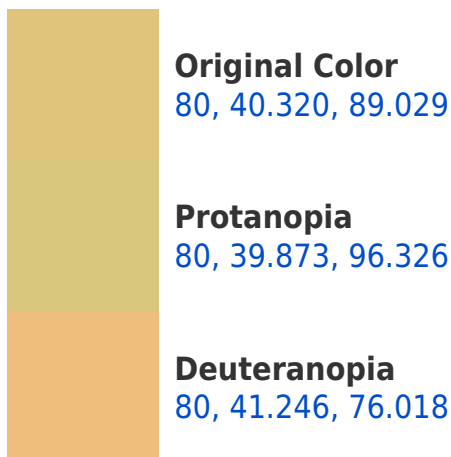


This preview shows how white text looks on a background with the CIELCh color 80, 40.320, 89.029.

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](#).

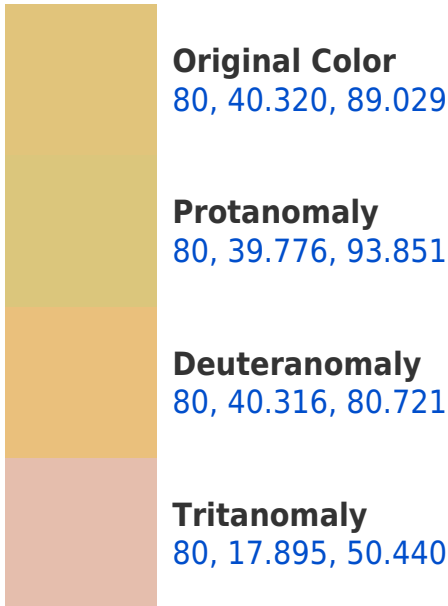
Dichromacy





Tritanopia
80, 18.895, 356.173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 40.320, 89.029 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(225, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.320, 89.029 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(225, 196, 123) }
```

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

```
.border{ border-color:rgb(225, 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(225, 196, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 123);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.320, 89.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 123) }
```

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

```
.background{ background-color: rgb(225,  
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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