

Converting Colors

CIELCh(69, 40.319, 74.930)

Have a look what the booklet for
CIELCh(69, 40.319, 74.930) contains.

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Color

CIELCh(69, 40.319, 74.930)

Conversions

Conversions Part 1

Format	Color
Hex	D0A062
RGB	208, 160, 98
RGB Percent	82%, 63%, 38%
CMY	0.1850, 0.3732, 0.6163
CMYK	0.00, 0.23, 0.53, 0.19
HSL	34°, 54%, 60%
HSV	34°, 53%, 81%
XYZ	40.6983, 39.3444, 16.9645
YIQ	167.2840, 48.5100, -9.1060

Conversions

Conversions Part 2

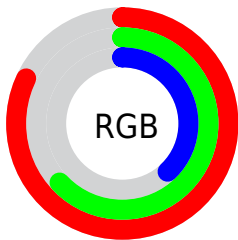
Format	Color
RYB	183, 208, 98
Decimal	13672546
CIELab	69.00, 10.48, 38.93
CIElCh	69, 40.319, 74.930
Yxy	39.3444, 0.4195, 0.4056
Android (android.graphics.Color)	4291862626 (0xFFD0A062)
YUV	167.2840, -34.1570, 35.7079
Hunter-Lab	62.7251, 6.0482, 27.8721

Details

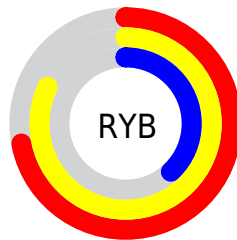
The CIELCh color **69, 40.319, 74.930** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 36.843, 272.350**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 37.653, 81.602**, and **49, 40.504, 75.249** is the 20% darker color. If you saturate the color by 10%, you get **67, 48.477, 73.473**, and if you desaturate by 10%, it is **72, 32.204, 76.335**.

Distribution



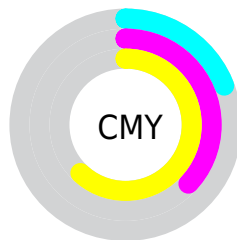
- Red (82%)
- Green (63%)
- Blue (38%)



- Red (72%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (53%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 40.319, 74.930 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 69, 40.319, 74.930 by changing the saturation by 10% instead.

69, 40.319, 74.930

69, 40.319, 74.930

100, 40.319,
74.930

59, 40.319, 74.930

89, 40.319, 74.930

49, 40.319, 74.930

99, 40.319, 74.930

39, 40.319, 74.930

29, 40.319, 74.930

19, 40.319, 74.930

9, 40.319, 74.930

0, 40.319, 74.930

69, 40.319, 74.930

69, 40.319, 74.930

67, 48.477, 73.473

72, 32.204, 76.335

64, 56.376, 71.890

74, 24.277, 77.699

62, 63.451, 70.054

77, 16.599, 79.030

60, 68.827, 67.721

80, 9.186, 80.321

58, 71.564, 65.780

83, 2.033, 81.467

85, 4.877, 262.926

88, 11.566,
264.074

91, 14.085,
255.812

93, 12.997,
231.539

Harmonies

Complementary

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



69, 40.319, 74.930



60, 36.843, 272.350

Rectangle

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



69, 40.319, 74.930



69, 40.319, 124.930



69, 40.319, 254.930



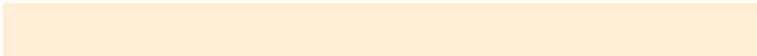
69, 40.319, 304.930

Sweetspot

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



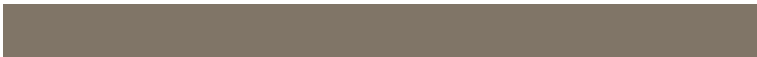
69, 40.319, 74.934



95, 13.513, 79.905



56, 49.229, 352.686



50, 9.158, 79.637



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 40.319, 74.934



80, 58.296, 73.194



81, 55.775, 107.580



43, 4.028, 80.758



48, 61.070, 66.356



10, 15.868, 66.541

Inverse Universe

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



60, 36.843, 272.350



66, 52.607, 276.099



47, 64.695, 299.258



42, 3.978, 263.295



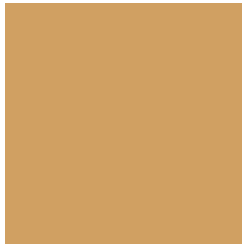
33, 59.461, 289.402



5, 17.589, 277.218

Previews

White Background



This preview shows how the CIELCh color 69, 40.319, 74.930 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 69, 40.319, 74.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

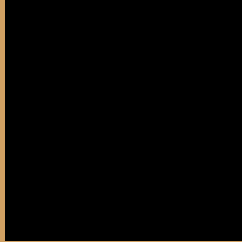
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.319, 74.930

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.319, 74.930.



This preview shows how white text looks on a background with the CIELCh color 69, 40.319, 74.930.

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


69, 40.319, 74.930

Protanopia

69, 37.164, 96.335

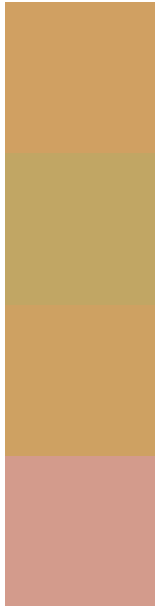
Deuteranopia

69, 39.751, 77.373



Tritanopia
69, 24.740, 6.645

Trichromacy



Original Color
69, 40.319, 74.930

Protanomaly
69, 37.672, 88.239

Deuteranomaly
69, 39.990, 76.836

Tritanomaly
69, 24.814, 40.391

Monochromacy



Original Color
69, 40.319, 74.930

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 14.122, 77.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.319, 74.930 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(208, 160, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 98)  
}
```

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(208, 160, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.319, 74.930 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(208, 160, 98) }
```

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

```
.border{ border-color:rgb(208, 160, 98) }
```

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

Here you see how a box with a 4 pixel rgb(208, 160, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 160, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 160, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 160,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.319, 74.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 98) }
```

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

```
.background{ background-color: rgb(208,  
160, 98) }
```

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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