

Converting Colors

CIELCh(69, 48.337, 70.727)

Have a look what the booklet for
CIELCh(69, 48.337, 70.727) contains.

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Color

CIELCh(69, 48.374, 70.926)

Conversions

Conversions Part 1

Format	Color
Hex	DA9C55
RGB	218, 156, 85
RGB Percent	85%, 61%, 33%
CMY	0.1450, 0.3882, 0.6666
CMYK	0.00, 0.28, 0.61, 0.15
HSL	32°, 64%, 59%
HSV	32°, 61%, 85%
XYZ	42.4480, 39.3444, 13.9536
YIQ	166.4440, 59.7430, -8.9370

Conversions

Conversions Part 2

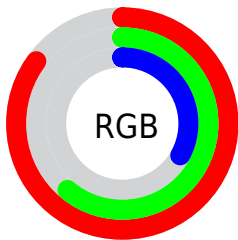
Format	Color
R _Y B	201, 218, 85
Decimal	14326869
CIE Lab	69.00, 15.81, 45.72
CIE LCh	69, 48.374, 70.926
Yxy	39.3444, 0.4433, 0.4109
Android (android.graphics.Color)	4292516949 (0xFFDA9C55)
YUV	166.4440, -40.1519, 45.2146
Hunter-Lab	62.7251, 11.0276, 30.7182

Details

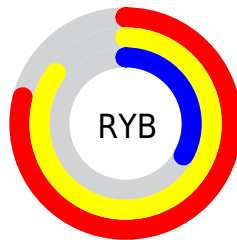
The CIELCh color **69, 48.374, 70.926** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **60, 42.256, 271.968**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 42.768, 81.584**, and **49, 48.405, 71.342** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.818, 69.428**, and if you desaturate by 10%, it is **72, 39.817, 72.330**.

Distribution



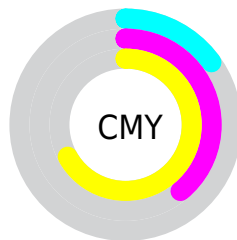
- Red (85%)
- Green (61%)
- Blue (33%)



- Red (79%)
- Yellow (85%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)
- Black (15%)



- Cyan (15%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.374, 70.926 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, 48.374, 70.926 by changing the saturation by 10% instead.

69, 48.374, 70.926

69, 48.374, 70.926

100, 48.374,
70.926

59, 48.374, 70.926

89, 48.374, 70.926

49, 48.374, 70.926

99, 48.374, 70.926

39, 48.374, 70.926

29, 48.374, 70.926

19, 48.374, 70.926

9, 48.374, 70.926

0, 48.374, 70.926

69, 48.374, 70.926

69, 48.374, 70.926

66, 56.818, 69.428

72, 39.817, 72.330

64, 64.632, 67.698

75, 31.410, 73.684

61, 70.936, 65.498

78, 23.270, 75.011

59, 74.907, 63.016

81, 15.440, 76.313

84, 7.923, 77.574

87, 0.702, 78.355

90, 6.245, 260.148

93, 11.060,
255.009

96, 10.541,
220.427

Harmonies

Complementary

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



69, 48.374, 70.926



60, 42.256, 271.968

Rectangle

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



69, 48.374, 70.926



69, 48.374, 120.926



69, 48.374, 250.926



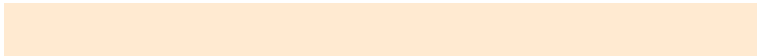
69, 48.374, 300.926

Sweetspot

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



69, 48.373, 70.930



94, 14.936, 76.677



56, 58.324, 353.120



49, 10.442, 76.301



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, 48.373, 70.930



76, 66.379, 69.001



85, 65.531, 106.182



45, 4.093, 77.765



48, 62.991, 63.640



11, 18.407, 63.729

Inverse Universe

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



60, 42.256, 271.968



63, 57.217, 276.553



44, 78.660, 300.507



44, 4.024, 260.303



36, 57.555, 287.002



7, 19.078, 276.935

Previews

White Background



This preview shows how the CIELCh color 69, 48.374, 70.926 looks on a white background.

Color Contrast Check

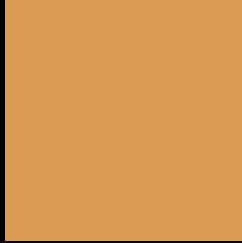
Large Text (above 18pt) WCAG AA × Fail

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, 48.374, 70.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

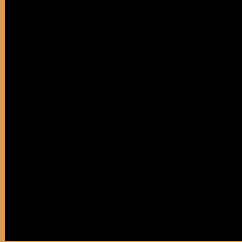
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 48.374, 70.926

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.374, 70.926.



This preview shows how white text looks on a background with the CIELCh color 69, 48.374, 70.926.

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, 48.374, 70.926

Protanopia

69, 43.326, 95.836

Deuteranopia

69, 46.944, 79.167



Tritanopia
69, 30.681, 11.404

Trichromacy



Original Color
69, 48.374, 70.926

Protanomaly
69, 43.760, 85.714

Deuteranomaly
69, 47.562, 75.890

Tritanomaly
69, 32.078, 40.503

Monochromacy



Original Color
69, 48.374, 70.926

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 16.721, 74.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.374, 70.926 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(218, 156, 85)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 85)  
}
```

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(218, 156, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.374, 70.926 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(218, 156, 85) }
```

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

```
.border{ border-color:rgb(218, 156, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 85);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.374, 70.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 85) }
```

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

```
.background{ background-color: rgb(218,  
156, 85) }
```

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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