

Converting Colors

CIELCh(69, 67.354, 76.057)

Have a look what the booklet for
CIELCh(69, 67.354, 76.057) contains.

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Color

CIELCh(69, 67.354, 76.057)

Conversions

Conversions Part 1

Format	Color
Hex	DF9B27
RGB	223, 155, 39
RGB Percent	87%, 61%, 15%
CMY	0.1249, 0.3916, 0.8465
CMYK	0.00, 0.30, 0.82, 0.12
HSL	38°, 74%, 51%
HSV	38°, 82%, 88%
XYZ	42.5886, 39.3444, 7.2820
YIQ	162.1080, 77.7640, -21.6600

Conversions

Conversions Part 2

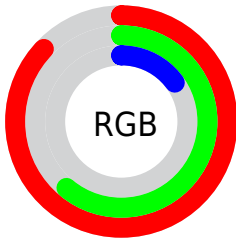
Format	Color
RYB	147, 223, 39
Decimal	14654247
CIELab	69.00, 16.23, 65.37
CIELCh	69, 67.354, 76.057
Yxy	39.3444, 0.4774, 0.4410
Android (android.graphics.Color)	4292844327 (0xFFDF9B27)
YUV	162.1080, -60.6922, 53.4023
Hunter-Lab	62.7251, 11.4275, 37.0243

Details

The CIELCh color **69, 67.354, 76.057** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **47, 68.424, 288.258**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 61.277, 86.264**, and **49, 58.757, 73.646** is the 20% darker color. If you saturate the color by 10%, you get **67, 72.318, 73.806**, and if you desaturate by 10%, it is **71, 60.395, 77.900**.

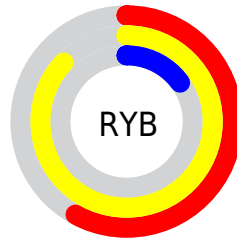
Distribution



Red (87%)

Green (61%)

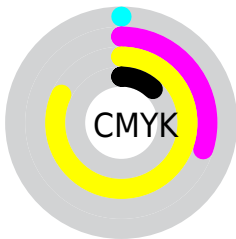
Blue (15%)



Red (58%)

Yellow (87%)

Blue (15%)

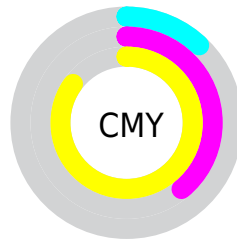


Cyan (0%)

Magenta (30%)

Yellow (82%)

Black (12%)



Cyan (12%)

Magenta (39%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 67.354, 76.057 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, 67.354, 76.057 by changing the saturation by 10% instead.

69, 67.354, 76.057

69, 67.354, 76.057

100, 67.354,
76.057

59, 67.354, 76.057

89, 67.354, 76.057

49, 67.354, 76.057

99, 67.354, 76.057

39, 67.354, 76.057

29, 67.354, 76.057

19, 67.354, 76.057

9, 67.354, 76.057

0, 67.354, 76.057

69, 67.354, 76.057

69, 67.354, 76.057

67, 72.318, 73.806

71, 60.395, 77.900

65, 74.647, 71.796

73, 52.334, 79.518

76, 43.797, 81.021

78, 35.144, 82.459

81, 26.564, 83.851

83, 18.148, 85.202

86, 9.931, 86.505

88, 1.924, 87.656

91, 5.880, 269.081

Harmonies

Complementary

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



69, 67.354, 76.057



47, 68.424, 288.258

Rectangle

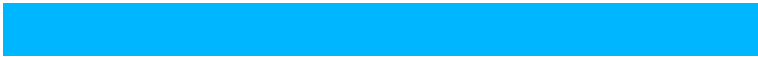
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 67.354, 76.057



69, 67.354, 126.057



69, 67.354, 256.057



69, 67.354, 306.057

Sweetspot

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



69, 67.353, 76.060



93, 22.595, 84.837



50, 71.481, 5.715



48, 15.485, 84.360



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, 67.353, 76.060



74, 82.284, 71.811



85, 82.909, 109.577



46, 4.530, 86.883



52, 62.482, 72.344



13, 20.370, 74.763

Inverse Universe

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



47, 68.424, 288.258



46, 93.083, 294.859



34, 107.699, 305.465



44, 4.510, 269.405



32, 69.494, 294.299



6, 23.031, 284.724

Previews

White Background



This preview shows how the CIELCh color 69, 67.354, 76.057 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 CIELCh color 69, 67.354, 76.057 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, 67.354, 76.057

Background



This preview shows how black text looks on a background with the CIELCh color 69, 67.354, 76.057.



This preview shows how white text looks on a background with the CIELCh color 69, 67.354, 76.057.

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, 67.354, 76.057

Protanopia

69, 63.153, 95.053

Deuteranopia

69, 66.283, 82.064



Tritanopia
69, 34.371, 13.077

Trichromacy



Original Color
69, 67.354, 76.057

Protanomaly
69, 63.567, 87.888

Deuteranomaly
69, 66.554, 79.615

Tritanomaly
69, 40.217, 49.735

Monochromacy



Original Color
69, 67.354, 76.057

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 25.807, 84.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 67.354, 76.057 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(223, 155, 39)` looks like.

```
.text, #text, p{  
    color:rgb(223, 155, 39)  
}
```

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(223, 155, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 155, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 67.354, 76.057 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(223, 155, 39) }
```

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

```
.border{ border-color:rgb(223, 155, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 155, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 155, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 155, 39);  
box-shadow:4px 4px 4px 4px rgb(223, 155,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 67.354, 76.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 155, 39) }
```

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

```
.background{ background-color: rgb(223,  
155, 39) }
```

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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