

Converting Colors

CIELCh(69, 73.149, 84.567)

Have a look what the booklet for
CIELCh(69, 73.149, 84.567) contains.

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Color

CIELCh(69, 72.935, 84.408)

Conversions

Conversions Part 1

Format	Color
Hex	D3A100
RGB	211, 161, 0
RGB Percent	83%, 63%, 0%
CMY	0.1725, 0.3686, 0.9998
CMYK	0.00, 0.24, 1.00, 0.17
HSL	46°, 100%, 41%
HSV	46°, 100%, 83%
XYZ	39.6144, 39.3444, 5.5072
YIQ	157.5960, 81.4810, -39.4710

Conversions

Conversions Part 2

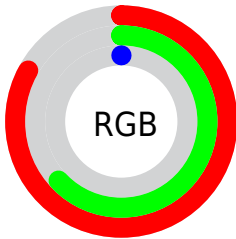
Format	Color
RYB	66, 211, 0
Decimal	13869312
CIELab	69.00, 7.11, 72.59
CIElCh	69, 72.935, 84.408
Yxy	39.3444, 0.4690, 0.4658
Android (android.graphics.Color)	4292059392 (0xFFD3A100)
YUV	157.5960, -77.6948, 46.8353
Hunter-Lab	62.7251, 2.9637, 38.7020

Details

The CIELCh color **69, 72.935, 84.408** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **32, 97.988, 301.375**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.044, 90.054**, and **49, 56.424, 81.826** is the 20% darker color. If you saturate the color by 10%, you get **69, 72.938, 84.407**, and if you desaturate by 10%, it is **70, 70.696, 86.197**.

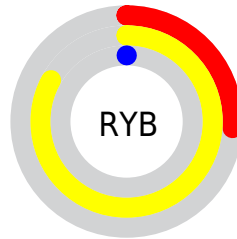
Distribution



Red (83%)

Green (63%)

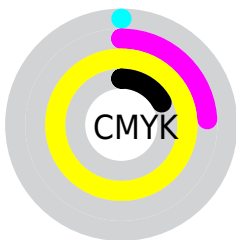
Blue (0%)



Red (26%)

Yellow (83%)

Blue (0%)

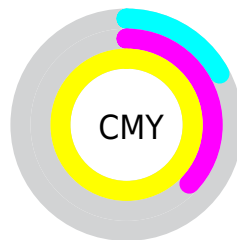


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 72.935, 84.408 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, 72.935, 84.408 by changing the saturation by 10% instead.

69, 72.935, 84.408

69, 72.935, 84.408

100, 72.935,
84.408

59, 72.935, 84.408

89, 72.935, 84.408

49, 72.935, 84.408

99, 72.935, 84.408

39, 72.935, 84.408

29, 72.935, 84.408

19, 72.935, 84.408

9, 72.935, 84.408

0, 72.935, 84.408

69, 72.935, 84.408

69, 72.935, 84.408

69, 72.938, 84.407

70, 70.696, 86.197

72, 66.258, 87.781

73, 59.839, 89.221

75, 52.164, 90.586

76, 43.794, 91.910

78, 35.090, 93.206

79, 26.263, 94.475

81, 17.430, 95.712

83, 8.656, 96.907

Harmonies

Complementary

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



69, 72.935, 84.408



32, 97.988, 301.375

Rectangle

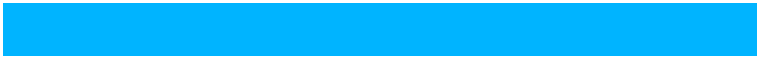
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 72.935, 84.408



69, 72.935, 134.408



69, 72.935, 264.408



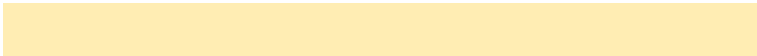
69, 72.935, 314.408

Sweetspot

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



69, 72.934, 84.411



94, 30.649, 94.432



44, 78.381, 26.014



49, 20.934, 93.894



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, 72.934, 84.411



82, 84.062, 84.172



78, 87.378, 117.486



43, 4.883, 96.974



56, 61.715, 84.743



12, 18.279, 88.367

Inverse Universe

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



32, 97.988, 301.375



39, 114.188, 301.688



28, 113.579, 307.665



41, 4.926, 279.267



25, 81.606, 300.919



3, 21.431, 286.818

Previews

White Background



This preview shows how the CIELCh color 69, 72.935, 84.408 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, 72.935, 84.408 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, 72.935, 84.408

Background



This preview shows how black text looks on a background with the CIELCh color 69, 72.935, 84.408.



This preview shows how white text looks on a background with the CIELCh color 69, 72.935, 84.408.

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, 72.935, 84.408

Protanopia

69, 70.562, 95.174

Deuteranopia

69, 72.178, 83.150



Tritanopia
69, 27.850, 9.903

Trichromacy



Original Color
69, 72.935, 84.408

Protanomaly
69, 71.087, 91.015

Deuteranomaly
69, 72.368, 83.544

Tritanomaly
69, 40.284, 64.428

Monochromacy



Original Color
69, 72.935, 84.408

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 32.669, 92.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 72.935, 84.408 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(211, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 0)  
}
```

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(211, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 72.935, 84.408 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(211, 161, 0) }
```

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

```
.border{ border-color:rgb(211, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 72.935, 84.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 0) }
```

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

```
.background{ background-color: rgb(211,  
161, 0) }
```

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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