

Converting Colors

CIELCh(69, 72.484, 84.650)

Have a look what the booklet for
CIELCh(69, 72.484, 84.650) contains.

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Color

CIELCh(69, 72.397, 84.693)

Conversions

Conversions Part 1

Format	Color
Hex	D2A104
RGB	210, 161, 4
RGB Percent	82%, 63%, 2%
CMY	0.1752, 0.3675, 0.9854
CMYK	0.00, 0.23, 0.98, 0.18
HSL	46°, 97%, 42%
HSV	46°, 98%, 82%
XYZ	39.4838, 39.3444, 5.6199
YIQ	157.7530, 79.6010, -38.4390

Conversions

Conversions Part 2

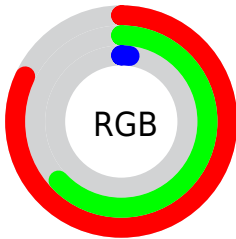
Format	Color
RYB	68, 210, 4
Decimal	13803780
CIELab	69.00, 6.70, 72.09
CIELCh	69, 72.397, 84.693
Yxy	39.3444, 0.4676, 0.4659
Android (android.graphics.Color)	4291993860 (0xFFD2A104)
YUV	157.7530, -75.8002, 45.8206
Hunter-Lab	62.7251, 2.5920, 38.5955

Details

The CIELCh color **69, 72.397, 84.693** 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, 96.030, 300.899**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 69.663, 90.014**, and **49, 56.225, 82.281** is the 20% darker color. If you saturate the color by 10%, you get **69, 72.750, 84.377**, and if you desaturate by 10%, it is **70, 69.902, 86.461**.

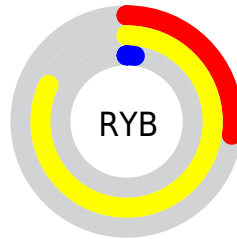
Distribution



Red (82%)

Green (63%)

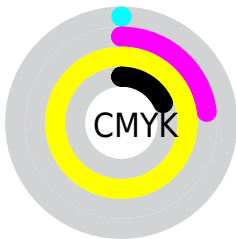
Blue (2%)



Red (27%)

Yellow (82%)

Blue (2%)

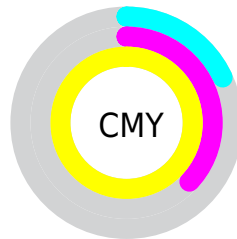


Cyan (0%)

Magenta (23%)

Yellow (98%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 72.397, 84.693 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, 72.397, 84.693 by changing the saturation by 10% instead.

 69, 72.397, 84.693

 69, 72.397, 84.693

 100, 72.397,
84.693

 59, 72.397, 84.693

 89, 72.397, 84.693

 49, 72.397, 84.693

 99, 72.397, 84.693

 39, 72.397, 84.693

 29, 72.397, 84.693

 19, 72.397, 84.693

 9, 72.397, 84.693

 0, 72.397, 84.693

 69, 72.397, 84.693

 69, 72.397, 84.693

 69, 72.750, 84.377

 70, 69.902, 86.461

72, 65.071, 88.015

73, 58.397, 89.438

75, 50.586, 90.795

76, 42.160, 92.114

78, 33.447, 93.406

79, 24.638, 94.670

81, 15.838, 95.901

83, 7.105, 97.085

Harmonies

Complementary

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



69, 72.397, 84.693



32, 96.030, 300.899

Rectangle

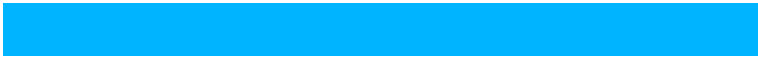
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 72.397, 84.693



69, 72.397, 134.693



69, 72.397, 264.693



69, 72.397, 314.693

Sweetspot

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



69, 72.396, 84.696



94, 29.607, 94.533



44, 77.329, 25.083



49, 20.341, 93.990



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, 72.396, 84.696



82, 84.052, 84.137



78, 86.724, 117.334



43, 4.881, 96.949



56, 61.707, 84.709



12, 18.272, 88.332

Inverse Universe

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



32, 96.030, 300.899



39, 114.136, 301.674



28, 112.390, 307.655



41, 4.924, 279.243



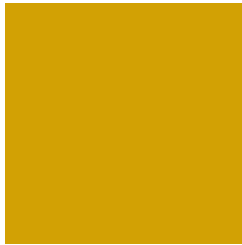
25, 81.568, 300.904



3, 21.425, 286.806

Previews

White Background



This preview shows how the CIELCh color 69, 72.397, 84.693 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, 72.397, 84.693 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, 72.397, 84.693

Background



This preview shows how black text looks on a background with the CIELCh color 69, 72.397, 84.693.



This preview shows how white text looks on a background with the CIELCh color 69, 72.397, 84.693.

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, 72.274, 84.675

Protanopia

69, 70.562, 95.174

Deuteranopia

69, 72.057, 83.130



Tritanopia
69, 27.457, 9.676

Trichromacy



Original Color
69, 72.274, 84.675

Protanomaly
69, 70.859, 91.370

Deuteranomaly
69, 72.123, 83.505

Tritanomaly
68, 39.116, 63.988

Monochromacy



Original Color
69, 72.274, 84.675

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 32.153, 92.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 72.397, 84.693 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(210, 161, 4)` looks like.

```
.text, #text, p{  
    color:rgb(210, 161, 4)  
}
```

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(210, 161, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 161, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 72.397, 84.693 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(210, 161, 4) }
```

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

```
.border{ border-color:rgb(210, 161, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 161, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 161, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 161, 4);  
box-shadow:4px 4px 4px 4px rgb(210, 161,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 72.397, 84.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 161, 4) }
```

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

```
.background{ background-color: rgb(210,  
161, 4) }
```

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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