

Converting Colors

CIELCh(71, 70.092, 94.999)

Have a look what the booklet for
CIELCh(71, 70.092, 94.999) contains.

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Color

CIELCh(71, 70.092, 94.999)

Conversions

Conversions Part 1

Format	Color
Hex	C4AE18
RGB	196, 174, 24
RGB Percent	77%, 68%, 9%
CMY	0.2305, 0.3168, 0.9045
CMYK	0.00, 0.11, 0.88, 0.23
HSL	52°, 78%, 43%
HSV	52°, 88%, 77%
XYZ	38.1704, 42.1875, 7.0142
YIQ	163.4780, 61.2620, -41.9860

Conversions

Conversions Part 2

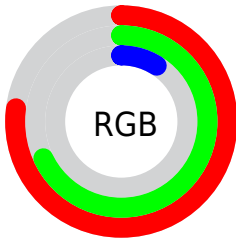
Format	Color
RYB	49, 196, 24
Decimal	12889624
CIELab	71.00, -6.11, 69.83
CIELCh	71, 70.092, 94.999
Yxy	42.1875, 0.4369, 0.4828
Android (android.graphics.Color)	4291079704 (0xFFC4AE18)
YUV	163.4780, -68.7627, 28.5218
Hunter-Lab	64.9519, -8.7663, 39.0635

Details

The CIELCh color **71, 70.092, 94.999** is a dark color, and the websafe version is hex **999900**. The color can be described as dark washed orange. A complement of this color would be **30, 92.134, 301.898**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 70.096, 95.405**, and **51, 56.734, 94.990** is the 20% darker color. If you saturate the color by 10%, you get **70, 72.420, 94.026**, and if you desaturate by 10%, it is **72, 65.564, 95.993**.

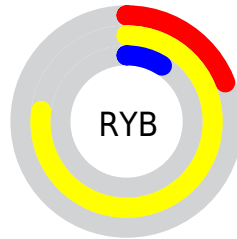
Distribution



Red (77%)

Green (68%)

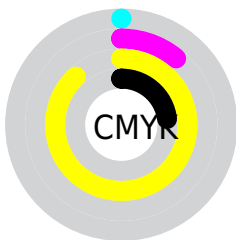
Blue (9%)



Red (19%)

Yellow (77%)

Blue (9%)

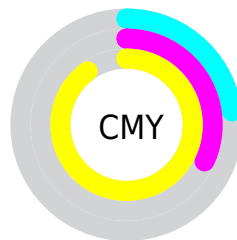


Cyan (0%)

Magenta (11%)

Yellow (88%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 70.092, 94.999 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 71, 70.092, 94.999 by changing the saturation by 10% instead.

 71, 70.092, 94.999

 71, 70.092, 94.999

 100, 70.092,
94.999

 61, 70.092, 94.999

 91, 70.092, 94.999

 51, 70.092, 94.999

 41, 70.092, 94.999

 31, 70.092, 94.999

 21, 70.092, 94.999

 11, 70.092, 94.999

 1, 70.092, 94.999

 0, 70.092, 94.999

 71, 70.092, 94.999

 71, 70.092, 94.999

70, 72.420, 94.026

72, 65.564, 95.993

70, 72.849, 93.793

73, 59.195, 97.023

73, 51.571, 98.091

74, 43.178, 99.187

75, 34.347,
100.299

76, 25.289,
101.411

77, 16.130,
102.512

78, 6.948, 103.584

80, 2.214, 284.707

Harmonies

Complementary

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



71, 70.092, 94.999



30, 92.134, 301.898

Rectangle

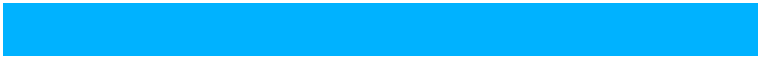
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 70.092, 94.999



71, 70.092, 144.999



71, 70.092, 274.999



71, 70.092, 324.999

Sweetspot

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



71, 70.091, 95.001



96, 29.485, 101.542



42, 72.360, 28.379



51, 19.974, 101.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 70.091, 95.001



89, 88.621, 93.635



73, 81.573, 121.818



40, 5.140, 103.398



58, 62.877, 93.940



11, 15.882, 98.837

Inverse Universe

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



30, 92.134, 301.898



35, 126.654, 304.754



31, 98.504, 309.537



38, 5.222, 285.467



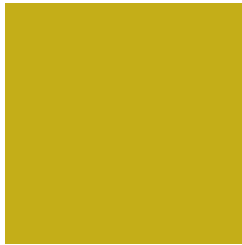
20, 87.908, 304.190



2, 17.718, 287.481

Previews

White Background



This preview shows how the CIELCh color 71, 70.092, 94.999 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 71, 70.092, 94.999 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 71, 70.092, 94.999

Background



This preview shows how black text looks on a background with the CIELCh color 71, 70.092, 94.999.



This preview shows how white text looks on a background with the CIELCh color 71, 70.092, 94.999.

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

71, 70.092, 94.999

Protanopia

71, 70.092, 94.999

Deuteranopia

71, 69.476, 82.589



Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 70.092, 94.999

Protanomaly
71, 70.092, 94.999

Deuteranomaly
71, 69.341, 86.868

Tritanomaly
70, 29.600, 76.401

Monochromacy



Original Color
71, 70.092, 94.999

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 29.994, 100.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 70.092, 94.999 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(196, 174, 24)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 24)  
}
```

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(196, 174, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 70.092, 94.999 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(196, 174, 24) }
```

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

```
.border{ border-color:rgb(196, 174, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 24);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 70.092, 94.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 24) }
```

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

```
.background{ background-color: rgb(196,  
174, 24) }
```

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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