

Converting Colors

CIELCh(71, 70.282, 96.546)

Have a look what the booklet for
CIELCh(71, 70.282, 96.546) contains.

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Color

CIELCh(71, 70.156, 96.510)

Conversions

Conversions Part 1

Format	Color
Hex	C1AF18
RGB	193, 175, 24
RGB Percent	76%, 69%, 9%
CMY	0.2422, 0.3128, 0.9044
CMYK	0.00, 0.09, 0.87, 0.24
HSL	54°, 78%, 43%
HSV	54°, 87%, 76%
XYZ	37.6002, 42.1875, 7.0462
YIQ	163.1680, 59.1990, -43.1450

Conversions

Conversions Part 2

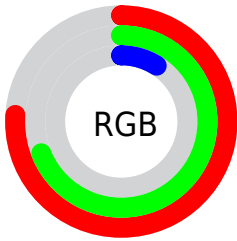
Format	Color
RYB	44, 193, 24
Decimal	12693272
CIELab	71.00, -7.95, 69.70
CIELCh	71, 70.156, 96.510
Yxy	42.1875, 0.4330, 0.4858
Android (android.graphics.Color)	4290883352 (0xFFC1AF18)
YUV	163.1680, -68.6098, 26.1627
Hunter-Lab	64.9519, -10.3335, 39.0343

Details

The CIELCh color **71, 70.156, 96.510** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **29, 92.812, 302.491**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 70.263, 96.473**, and **51, 56.802, 96.986** is the 20% darker color. If you saturate the color by 10%, you get **70, 72.517, 95.678**, and if you desaturate by 10%, it is **72, 65.630, 97.400**.

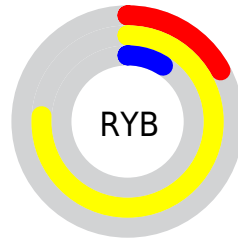
Distribution



Red (76%)

Green (69%)

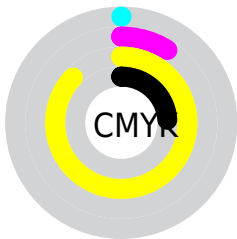
Blue (9%)



Red (17%)

Yellow (76%)

Blue (9%)

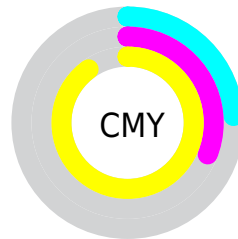


Cyan (0%)

Magenta (9%)

Yellow (87%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 70.156, 96.510 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, 70.156, 96.510 by changing the saturation by 10% instead.

■ 71, 70.156, 96.510

■ 71, 70.156, 96.510

■ 100, 70.156,
96.510

■ 61, 70.156, 96.510

■ 91, 70.156, 96.510

■ 51, 70.156, 96.510

■ 41, 70.156, 96.510

■ 31, 70.156, 96.510

■ 21, 70.156, 96.510

■ 11, 70.156, 96.510

■ 1, 70.156, 96.510

■ 0, 70.156, 96.510

■ 71, 70.156, 96.510

■ 71, 70.156, 96.510

70, 72.517, 95.678

72, 65.630, 97.400

70, 72.987, 95.464

72, 59.281, 98.353

73, 51.670, 99.364

74, 43.271,
100.416

75, 34.413,
101.491

75, 25.308,
102.573

76, 16.084,
103.648

77, 6.822, 104.698

78, 2.431, 285.790

Harmonies

Complementary

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



71, 70.156, 96.510



29, 92.812, 302.491

Rectangle

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



71, 70.156, 96.510



71, 70.156, 146.510



71, 70.156, 276.510



71, 70.156, 326.510

Sweetspot

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



71, 70.156, 96.512



96, 29.862, 102.677



42, 72.039, 29.416



51, 20.389, 102.295



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, 70.156, 96.512



89, 89.137, 95.333



72, 80.908, 122.492



41, 5.255, 104.493



59, 63.707, 95.574



11, 16.318, 100.363

Inverse Universe

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



29, 92.812, 302.491



34, 127.408, 305.137



31, 96.925, 309.867



38, 5.345, 286.524



20, 89.327, 304.650



2, 18.007, 288.141

Previews

White Background



This preview shows how the CIELCh color 71, 70.156, 96.510 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, 70.156, 96.510 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, 70.156, 96.510

Background



This preview shows how black text looks on a background with the CIELCh color 71, 70.156, 96.510.



This preview shows how white text looks on a background with the CIELCh color 71, 70.156, 96.510.

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, 70.156, 96.510

Protanopia

71, 70.092, 94.999

Deuteranopia

71, 69.476, 82.589



Tritanopia

71, 17.184, 356.804

Trichromacy



Original Color
71, 70.156, 96.510

Protanomaly
71, 70.020, 95.367

Deuteranomaly
71, 69.377, 87.673

Tritanomaly
70, 28.874, 78.570

Monochromacy



Original Color
71, 70.156, 96.510

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 29.448, 101.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 70.156, 96.510 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(193, 175, 24)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 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(193, 175, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 70.156, 96.510 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(193, 175, 24) }
```

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

```
.border{ border-color:rgb(193, 175, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 175, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 175, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 175, 24);  
box-shadow:4px 4px 4px 4px rgb(193, 175,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 70.156, 96.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 24) }
```

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

```
.background{ background-color: rgb(193,  
175, 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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