

Converting Colors

CIELCh(71, 74.033, 88.491)

Have a look what the booklet for
CIELCh(71, 74.033, 88.491) contains.

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Color

CIELCh(71, 73.915, 88.141)

Conversions

Conversions Part 1

Format	Color
Hex	D2A901
RGB	210, 169, 1
RGB Percent	82%, 66%, 0%
CMY	0.1756, 0.3364, 0.9979
CMYK	0.00, 0.20, 1.00, 0.18
HSL	48°, 99%, 41%
HSV	48°, 100%, 82%
XYZ	40.8721, 42.1875, 6.0039
YIQ	162.1070, 78.3640, -43.5560

Conversions

Conversions Part 2

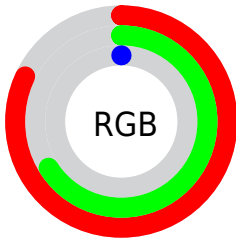
Format	Color
RYB	52, 210, 1
Decimal	13805825
CIELab	71.00, 2.40, 73.88
CIElCh	71, 73.915, 88.141
Yxy	42.1875, 0.4589, 0.4737
Android (android.graphics.Color)	4291995905 (0xFFD2A901)
YUV	162.1070, -79.4258, 42.0022
Hunter-Lab	64.9519, -1.3418, 39.9858

Details

The CIELCh color **71, 73.915, 88.141** 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 **30, 102.165, 302.743**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 72.074, 93.631**, and **51, 57.117, 86.429** is the 20% darker color. If you saturate the color by 10%, you get **71, 73.961, 88.105**, and if you desaturate by 10%, it is **72, 71.811, 89.619**.

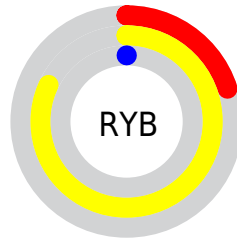
Distribution



Red (82%)

Green (66%)

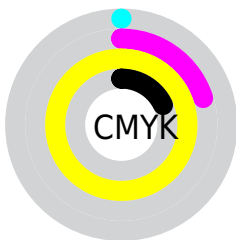
Blue (0%)



Red (20%)

Yellow (82%)

Blue (0%)

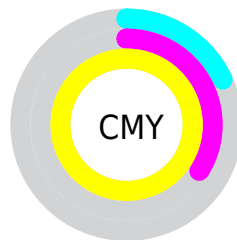


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 73.915, 88.141 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, 73.915, 88.141 by changing the saturation by 10% instead.

 71, 73.915, 88.141

 71, 73.915, 88.141

 100, 73.915,
88.141

 61, 73.915, 88.141

 91, 73.915, 88.141

 51, 73.915, 88.141

 41, 73.915, 88.141

 31, 73.915, 88.141

 21, 73.915, 88.141

 11, 73.915, 88.141

 1, 73.915, 88.141

 0, 73.915, 88.141

 71, 73.915, 88.141

 71, 73.915, 88.141

71, 73.961, 88.105

72, 71.811, 89.619

73, 67.481, 90.978

74, 61.125, 92.265

76, 53.431, 93.520

77, 44.958, 94.762

78, 36.077, 95.992

80, 27.012, 97.206

81, 17.893, 98.395

83, 8.796, 99.549

Harmonies

Complementary

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



71, 73.915, 88.141



30, 102.165, 302.743

Rectangle

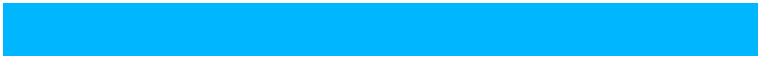
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 73.915, 88.141



71, 73.915, 138.141



71, 73.915, 268.141



71, 73.915, 318.141

Sweetspot

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



71, 73.914, 88.143



95, 31.868, 97.135



44, 80.558, 29.840



50, 21.744, 96.619



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, 73.914, 88.143



84, 85.471, 87.915



78, 88.362, 119.978



43, 5.099, 99.586



58, 62.761, 88.367



13, 19.062, 91.976

Inverse Universe

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



30, 102.165, 302.743



37, 119.532, 303.071



29, 112.242, 308.250



41, 5.159, 281.801



23, 85.631, 302.402



3, 22.129, 288.104

Previews

White Background



This preview shows how the CIELCh color 71, 73.915, 88.141 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, 73.915, 88.141 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, 73.915, 88.141

Background



This preview shows how black text looks on a background with the CIELCh color 71, 73.915, 88.141.



This preview shows how white text looks on a background with the CIELCh color 71, 73.915, 88.141.

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, 73.796, 88.130

Protanopia

71, 72.691, 95.420

Deuteranopia

71, 73.096, 82.860



Tritanopia
71, 24.982, 6.845

Trichromacy



Original Color
71, 73.796, 88.130

Protanomaly
71, 72.965, 92.858

Deuteranomaly
71, 73.321, 85.142

Tritanomaly
70, 38.147, 68.225

Monochromacy



Original Color
71, 73.796, 88.130

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 34.227, 95.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 73.915, 88.141 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, 169, 1)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 1)  
}
```

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, 169, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 73.915, 88.141 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, 169, 1) }
```

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

```
.border{ border-color:rgb(210, 169, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 1);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 73.915, 88.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 1) }
```

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

```
.background{ background-color: rgb(210,  
169, 1) }
```

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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