

Converting Colors

CIELCh(71, 69.152, 87.123)

Have a look what the booklet for
CIELCh(71, 69.152, 87.123) contains.

CIELCh(71, 69.280, 87.286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 69.280, 87.286)

Conversions

Conversions Part 1

Format	Color
Hex	D3A91E
RGB	211, 169, 30
RGB Percent	83%, 66%, 12%
CMY	0.1736, 0.3382, 0.8837
CMYK	0.00, 0.20, 0.86, 0.17
HSL	46°, 75%, 47%
HSV	46°, 86%, 83%
XYZ	41.1595, 42.1875, 7.1791
YIQ	165.7120, 69.6510, -34.3250

Conversions

Conversions Part 2

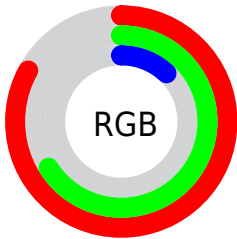
Format	Color
RYB	85, 211, 30
Decimal	13871390
CIELab	71.00, 3.28, 69.20
CIELCh	71, 69.280, 87.286
Yxy	42.1875, 0.4547, 0.4660
Android (android.graphics.Color)	4292061470 (0xFFD3A91E)
YUV	165.7120, -66.9060, 39.7176
Hunter-Lab	64.9519, -0.5518, 38.9131

Details

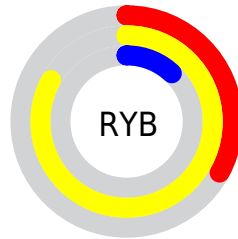
The CIELCh color **71, 69.280, 87.286** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **37, 84.340, 297.472**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 67.385, 93.342**, and **51, 57.440, 85.509** is the 20% darker color. If you saturate the color by 10%, you get **70, 72.220, 85.605**, and if you desaturate by 10%, it is **72, 63.973, 88.780**.

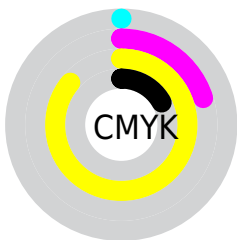
Distribution



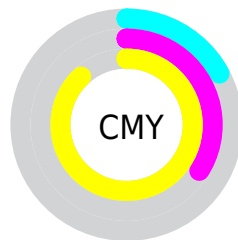
- Red (83%)
- Green (66%)
- Blue (12%)



- Red (33%)
- Yellow (83%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (34%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 69.280, 87.286 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, 69.280, 87.286 by changing the saturation by 10% instead.

71, 69.280, 87.286

71, 69.280, 87.286

100, 69.280,
87.286

61, 69.280, 87.286

91, 69.280, 87.286

51, 69.280, 87.286

41, 69.280, 87.286

31, 69.280, 87.286

21, 69.280, 87.286

11, 69.280, 87.286

1, 69.280, 87.286

0, 69.280, 87.286

71, 69.280, 87.286

71, 69.280, 87.286

70, 72.220, 85.605

72, 63.973, 88.780

69, 73.000, 84.884

74, 56.978, 90.167

75, 48.969, 91.501

77, 40.422, 92.805

78, 31.631, 94.083

80, 22.766, 95.333

82, 13.920, 96.549

83, 5.145, 97.712

85, 3.536, 278.941

Harmonies

Complementary

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



71, 69.280, 87.286



37, 84.340, 297.472

Rectangle

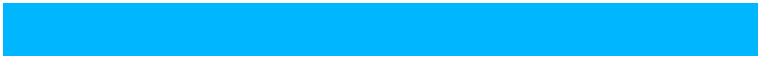
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 69.280, 87.286



71, 69.280, 137.286



71, 69.280, 267.286



71, 69.280, 317.286

Sweetspot

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



71, 69.279, 87.289



95, 26.658, 95.288



46, 71.859, 19.968



50, 18.091, 94.854



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, 69.279, 87.289



82, 84.217, 84.653



79, 83.175, 117.236



43, 4.910, 97.317



56, 61.832, 85.209



12, 18.373, 88.841

Inverse Universe

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



37, 84.340, 297.472



38, 114.897, 301.878



32, 104.377, 307.753



41, 4.955, 279.600



25, 82.136, 301.121



3, 21.519, 286.985

Previews

White Background



This preview shows how the CIELCh color 71, 69.280, 87.286 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, 69.280, 87.286 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, 69.280, 87.286

Background



This preview shows how black text looks on a background with the CIELCh color 71, 69.280, 87.286.



This preview shows how white text looks on a background with the CIELCh color 71, 69.280, 87.286.

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, 69.280, 87.286

Protanopia

71, 68.496, 94.975

Deuteranopia

71, 69.476, 82.589



Tritanopia
71, 24.982, 6.845

Trichromacy



Original Color
71, 69.280, 87.286

Protanomaly
71, 68.432, 92.249

Deuteranomaly
71, 69.331, 84.127

Tritanomaly
70, 33.868, 63.478

Monochromacy



Original Color
71, 69.280, 87.286

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 28.071, 93.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 69.280, 87.286 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, 169, 30)` looks like.

```
.text, #text, p{  
    color:rgb(211, 169, 30)  
}
```

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, 169, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 169, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 69.280, 87.286 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, 169, 30) }
```

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

```
.border{ border-color:rgb(211, 169, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 169, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 169, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 169, 30);  
box-shadow:4px 4px 4px 4px rgb(211, 169,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 69.280, 87.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 169, 30) }
```

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

```
.background{ background-color: rgb(211,  
169, 30) }
```

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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