

Converting Colors

CIELCh(72, 69.356, 81.546)

Have a look what the booklet for
CIELCh(72, 69.356, 81.546) contains.

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Color

CIELCh(72, 69.356, 81.546)

Conversions

Conversions Part 1

Format	Color
Hex	E0A725
RGB	224, 167, 37
RGB Percent	88%, 65%, 15%
CMY	0.1212, 0.3448, 0.8545
CMYK	0.00, 0.25, 0.83, 0.12
HSL	42°, 75%, 51%
HSV	42°, 83%, 88%
XYZ	44.9338, 43.6590, 7.8165
YIQ	169.2230, 75.7020, -28.3460

Conversions

Conversions Part 2

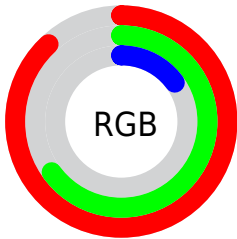
Format	Color
RYB	119, 224, 37
Decimal	14722853
CIELab	72.00, 10.20, 68.60
CIElCh	72, 69.356, 81.546
Yxy	43.6590, 0.4661, 0.4529
Android (android.graphics.Color)	4292912933 (0xFFE0A725)
YUV	169.2230, -65.1859, 48.0394
Hunter-Lab	66.0750, 5.7564, 39.2386

Details

The CIELCh color **72, 69.356, 81.546** 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 **44, 77.180, 292.883**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 64.733, 92.323**, and **52, 59.575, 79.144** is the 20% darker color. If you saturate the color by 10%, you get **70, 73.485, 79.496**, and if you desaturate by 10%, it is **74, 62.979, 83.281**.

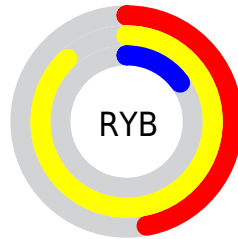
Distribution



Red (88%)

Green (65%)

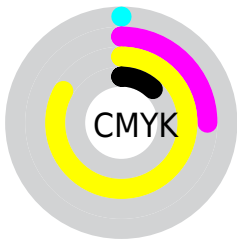
Blue (15%)



Red (47%)

Yellow (88%)

Blue (15%)

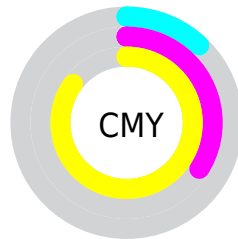


Cyan (0%)

Magenta (25%)

Yellow (83%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 69.356, 81.546 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 72, 69.356, 81.546 by changing the saturation by 10% instead.

 72, 69.356, 81.546

 72, 69.356, 81.546

 100, 69.356,
81.546

 62, 69.356, 81.546

 92, 69.356, 81.546

 52, 69.356, 81.546

 42, 69.356, 81.546

 32, 69.356, 81.546

 22, 69.356, 81.546

 12, 69.356, 81.546

 2, 69.356, 81.546

 0, 69.356, 81.546

 72, 69.356, 81.546

 72, 69.356, 81.546

70, 73.485, 79.496

74, 62.979, 83.281

69, 75.033, 77.967

76, 55.199, 84.836

78, 46.691, 86.295

80, 37.875, 87.698

82, 28.992, 89.059

84, 20.166, 90.380

86, 11.461, 91.656

88, 2.903, 92.835

91, 5.500, 274.156

Harmonies

Complementary

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



72, 69.356, 81.546



44, 77.180, 292.883

Rectangle

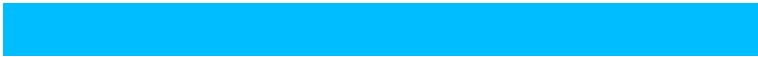
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 69.356, 81.546



72, 69.356, 131.546



72, 69.356, 261.546



72, 69.356, 311.546

Sweetspot

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



72, 69.355, 81.549



94, 23.915, 90.154



50, 72.414, 11.869



49, 16.362, 89.688



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 69.355, 81.549



78, 82.707, 77.758



84, 84.519, 113.046



46, 4.826, 92.149



55, 62.675, 78.427



14, 21.212, 81.417

Inverse Universe

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



44, 77.180, 292.883



42, 104.286, 298.788



34, 108.353, 306.400



44, 4.839, 274.582



29, 77.088, 297.988



5, 24.829, 287.817

Previews

White Background



This preview shows how the CIELCh color 72, 69.356, 81.546 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 72, 69.356, 81.546 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 72, 69.356, 81.546

Background



This preview shows how black text looks on a background with the CIELCh color 72, 69.356, 81.546.



This preview shows how white text looks on a background with the CIELCh color 72, 69.356, 81.546.

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


72, 69.356, 81.546

Protanopia

72, 67.074, 95.063

Deuteranopia

72, 69.295, 82.344



Tritanopia
72, 30.399, 11.232

Trichromacy



Original Color
72, 69.356, 81.546

Protanomaly
72, 67.266, 89.921

Deuteranomaly
72, 69.295, 82.344

Tritanomaly
72, 37.553, 55.849

Monochromacy



Original Color
72, 69.356, 81.546

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 27.106, 88.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 69.356, 81.546 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(224, 167, 37)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 37)  
}
```

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(224, 167, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 69.356, 81.546 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(224, 167, 37) }
```

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

```
.border{ border-color:rgb(224, 167, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 167, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 167, 37);  
box-shadow:4px 4px 4px 4px rgb(224, 167,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 69.356, 81.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 37) }
```

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

```
.background{ background-color: rgb(224,  
167, 37) }
```

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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