

Converting Colors

CIELCh(74, 72.479, 85.644)

Have a look what the booklet for
CIELCh(74, 72.479, 85.644) contains.

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Color

CIELCh(74, 72.516, 85.443)

Conversions

Conversions Part 1

Format	Color
Hex	E0AF1D
RGB	224, 175, 29
RGB Percent	88%, 69%, 11%
CMY	0.1207, 0.3130, 0.8851
CMYK	0.00, 0.22, 0.87, 0.12
HSL	45°, 77%, 50%
HSV	45°, 87%, 88%
XYZ	46.3981, 46.7039, 7.7501
YIQ	173.0070, 76.0700, -35.0180

Conversions

Conversions Part 2

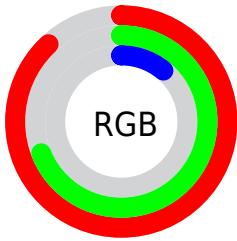
Format	Color
RYB	94, 224, 29
Decimal	14724893
CIELab	74.00, 5.76, 72.29
CIELCh	74, 72.516, 85.443
Yxy	46.7039, 0.4601, 0.4631
Android (android.graphics.Color)	4292914973 (0xFFE0AF1D)
YUV	173.0070, -70.9955, 44.7209
Hunter-Lab	68.3403, 1.5930, 41.1144

Details

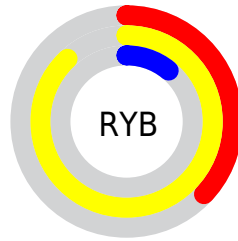
The CIELCh color **74, 72.516, 85.443** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **40, 87.426, 296.954**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 68.813, 95.735**, and **54, 60.295, 83.616** is the 20% darker color. If you saturate the color by 10%, you get **73, 75.362, 83.587**, and if you desaturate by 10%, it is **76, 67.139, 87.053**.

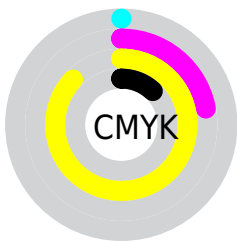
Distribution



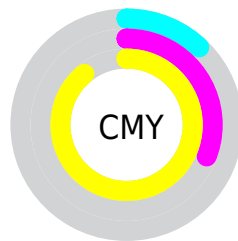
- Red (88%)
- Green (69%)
- Blue (11%)



- Red (37%)
- Yellow (88%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 72.516, 85.443 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 74, 72.516, 85.443 by changing the saturation by 10% instead.

 74, 72.516, 85.443

 74, 72.516, 85.443

 100, 72.516,
85.443

 64, 72.516, 85.443

 94, 72.516, 85.443

 54, 72.516, 85.443

 44, 72.516, 85.443

 34, 72.516, 85.443

 24, 72.516, 85.443

 14, 72.516, 85.443

 4, 72.516, 85.443

 0, 72.516, 85.443

 74, 72.516, 85.443

 74, 72.516, 85.443

73, 75.362, 83.587

76, 67.139, 87.053

72, 75.959, 82.990

77, 59.924, 88.517

79, 51.615, 89.906

80, 42.737, 91.251

82, 33.612, 92.564

84, 24.425, 93.846

86, 15.274, 95.091

88, 6.211, 96.284

90, 2.739, 277.560

Harmonies

Complementary

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



74, 72.516, 85.443



40, 87.426, 296.954

Rectangle

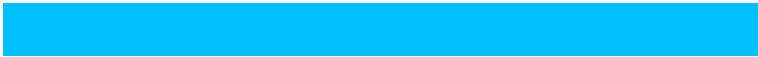
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 72.516, 85.443



74, 72.516, 135.443



74, 72.516, 265.443



74, 72.516, 315.443

Sweetspot

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



74, 72.515, 85.446



94, 26.160, 93.941



49, 75.141, 17.824



50, 17.761, 93.498



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 72.515, 85.446



81, 83.670, 82.823



83, 87.088, 115.684



46, 5.098, 95.992



58, 63.455, 83.360



15, 22.109, 86.425

Inverse Universe

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



40, 87.426, 296.954



39, 112.172, 301.135



34, 111.028, 307.308



44, 5.137, 278.331



27, 83.058, 300.437



4, 26.158, 289.770

Previews

White Background



This preview shows how the CIELCh color 74, 72.516, 85.443 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 74, 72.516, 85.443 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 74, 72.516, 85.443

Background



This preview shows how black text looks on a background with the CIELCh color 74, 72.516, 85.443.



This preview shows how white text looks on a background with the CIELCh color 74, 72.516, 85.443.

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

74, 72.516, 85.443

Protanopia

74, 71.550, 95.358

Deuteranopia

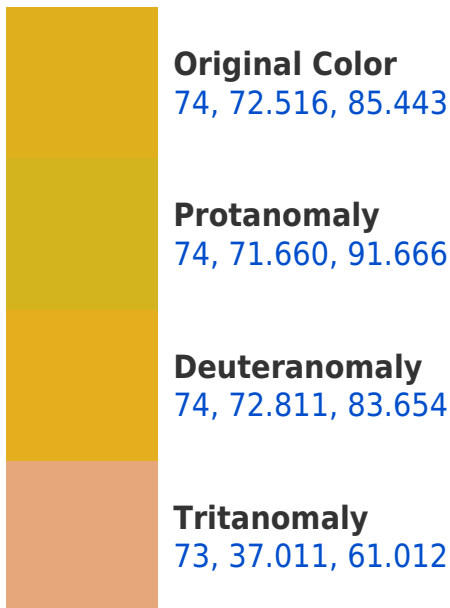
74, 72.805, 82.532



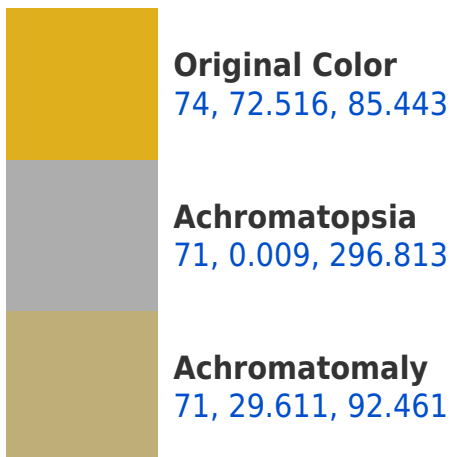
Tritanopia

74, 27.884, 8.787

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 72.516, 85.443 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, 175, 29)` looks like.

```
.text, #text, p{  
    color:rgb(224, 175, 29)  
}
```

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, 175, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 175, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 72.516, 85.443 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, 175, 29) }
```

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

```
.border{ border-color:rgb(224, 175, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 175, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 175, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 175, 29);  
box-shadow:4px 4px 4px 4px rgb(224, 175,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 72.516, 85.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 175, 29) }
```

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

```
.background{ background-color: rgb(224,  
175, 29) }
```

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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