

Converting Colors

CIELCh(73, 74.649, 84.810)

Have a look what the booklet for
CIELCh(73, 74.649, 84.810) contains.

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Color

CIELCh(73, 74.624, 84.876)

Conversions

Conversions Part 1

Format	Color
Hex	DFAC0E
RGB	223, 172, 14
RGB Percent	87%, 67%, 5%
CMY	0.1260, 0.3259, 0.9460
CMYK	0.00, 0.23, 0.94, 0.13
HSL	45°, 88%, 46%
HSV	45°, 94%, 87%
XYZ	45.2039, 45.1644, 6.7417
YIQ	169.2370, 81.1140, -38.3260

Conversions

Conversions Part 2

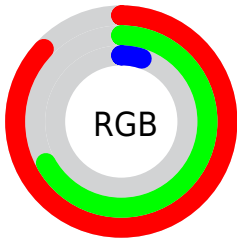
Format	Color
R_{YB}	81, 223, 14
Decimal	14658574
CIE _{Lab}	73.00, 6.66, 74.33
CIE _{LCh}	73, 74.624, 84.876
Yxy	45.1644, 0.4655, 0.4651
Android (android.graphics.Color)	4292848654 (0xFFDFAC0E)
YUV	169.2370, -76.5318, 47.1502
Hunter-Lab	67.2044, 2.4570, 41.0954

Details

The CIELCh color **73, 74.624, 84.876** 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 **36, 95.341, 299.468**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 70.661, 94.679**, and **53, 59.780, 82.376** is the 20% darker color. If you saturate the color by 10%, you get **72, 75.804, 83.710**, and if you desaturate by 10%, it is **74, 71.008, 86.601**.

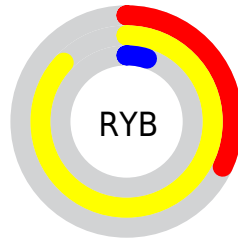
Distribution



Red (87%)

Green (67%)

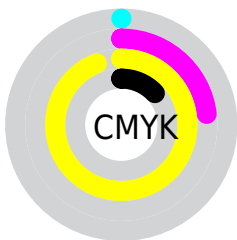
Blue (5%)



Red (32%)

Yellow (87%)

Blue (5%)

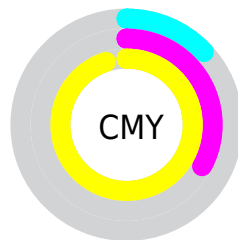


Cyan (0%)

Magenta (23%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 74.624, 84.876 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 73, 74.624, 84.876 by changing the saturation by 10% instead.

73, 74.624, 84.876

73, 74.624, 84.876

100, 74.624,
84.876

63, 74.624, 84.876

93, 74.624, 84.876

53, 74.624, 84.876

43, 74.624, 84.876

33, 74.624, 84.876

23, 74.624, 84.876

13, 74.624, 84.876

3, 74.624, 84.876

0, 74.624, 84.876

73, 74.624, 84.876

73, 74.624, 84.876

72, 75.804, 83.710

74, 71.008, 86.601

76, 65.028, 88.122

77, 57.447, 89.535

79, 48.945, 90.892

81, 39.978, 92.214

82, 30.820, 93.507

84, 21.626, 94.770

86, 12.480, 95.994

88, 3.425, 97.143

Harmonies

Complementary

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



73, 74.624, 84.876



36, 95.341, 299.468

Rectangle

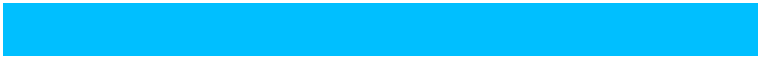
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 74.624, 84.876



73, 74.624, 134.876



73, 74.624, 264.876



73, 74.624, 314.876

Sweetspot

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



73, 74.623, 84.879



94, 28.403, 94.220



47, 78.802, 22.859



49, 19.639, 93.669



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 74.623, 84.879



81, 83.872, 83.541



83, 89.525, 116.977



46, 5.139, 96.513



58, 63.613, 84.059



15, 22.252, 87.110

Inverse Universe

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



36, 95.341, 299.468



39, 113.251, 301.433



31, 115.214, 307.670



44, 5.181, 278.837



26, 83.884, 300.750



4, 26.338, 290.015

Previews

White Background



This preview shows how the CIELCh color 73, 74.624, 84.876 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 73, 74.624, 84.876 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 73, 74.624, 84.876

Background



This preview shows how black text looks on a background with the CIELCh color 73, 74.624, 84.876.



This preview shows how white text looks on a background with the CIELCh color 73, 74.624, 84.876.

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

73, 74.624, 84.876

Protanopia

73, 73.137, 95.260

Deuteranopia

73, 74.630, 82.683



Tritanopia
73, 28.362, 9.071

Trichromacy



Original Color
73, 74.624, 84.876

Protanomaly
73, 73.456, 91.286

Deuteranomaly
73, 74.719, 83.447

Tritanomaly
72, 39.531, 62.948

Monochromacy



Original Color
73, 74.624, 84.876

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 31.907, 92.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 74.624, 84.876 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(223, 172, 14)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 14)  
}
```

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(223, 172, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 74.624, 84.876 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(223, 172, 14) }
```

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

```
.border{ border-color:rgb(223, 172, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 172, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 14);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 74.624, 84.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 14) }
```

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

```
.background{ background-color: rgb(223,  
172, 14) }
```

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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