

Converting Colors

CIELCh(71, 54.022, 74.641)

Have a look what the booklet for
CIELCh(71, 54.022, 74.641) contains.

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Color

CIELCh(71, 54.076, 74.346)

Conversions

Conversions Part 1

Format	Color
Hex	E0A24D
RGB	224, 162, 77
RGB Percent	88%, 64%, 30%
CMY	0.1219, 0.3649, 0.6983
CMYK	0.00, 0.28, 0.66, 0.12
HSL	35°, 70%, 59%
HSV	35°, 66%, 88%
XYZ	44.9631, 42.1875, 12.7824
YIQ	170.8480, 64.2370, -13.2910

Conversions

Conversions Part 2

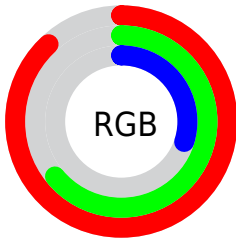
Format	Color
RYB	184, 224, 77
Decimal	14721613
CIELab	71.00, 14.59, 52.07
CIELCh	71, 54.076, 74.346
Yxy	42.1875, 0.4499, 0.4222
Android (android.graphics.Color)	4292911693 (0xFFE0A24D)
YUV	170.8480, -46.2671, 46.6143
Hunter-Lab	64.9519, 9.9011, 33.7981

Details

The CIELCh color **71, 54.076, 74.346** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **57, 49.663, 277.844**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 48.042, 87.075**, and **51, 54.216, 73.974** is the 20% darker color. If you saturate the color by 10%, you get **69, 62.187, 72.683**, and if you desaturate by 10%, it is **74, 45.491, 75.863**.

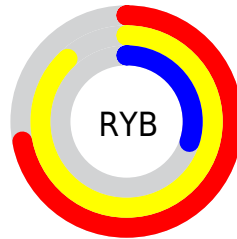
Distribution



Red (88%)

Green (64%)

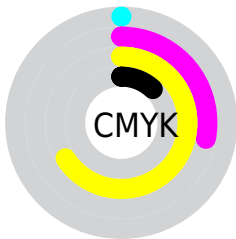
Blue (30%)



Red (72%)

Yellow (88%)

Blue (30%)

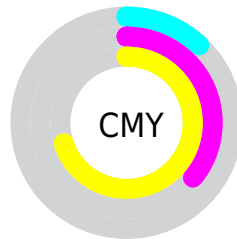


Cyan (0%)

Magenta (28%)

Yellow (66%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 54.076, 74.346 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, 54.076, 74.346 by changing the saturation by 10% instead.

71, 54.076, 74.346

71, 54.076, 74.346

100, 54.076,
74.346

61, 54.076, 74.346

91, 54.076, 74.346

51, 54.076, 74.346

41, 54.076, 74.346

31, 54.076, 74.346

21, 54.076, 74.346

11, 54.076, 74.346

1, 54.076, 74.346

0, 54.076, 74.346

71, 54.076, 74.346

71, 54.076, 74.346

69, 62.187, 72.683

74, 45.491, 75.863

66, 69.110, 70.705

76, 36.840, 77.300

64, 73.867, 68.150

79, 28.325, 78.692

63, 75.453, 66.925

82, 20.039, 80.049

85, 12.016, 81.366

87, 4.256, 82.607

90, 3.252, 264.038

93, 10.035,
263.707

96, 8.732, 227.414

Harmonies

Complementary

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



71, 54.076, 74.346



57, 49.663, 277.844

Rectangle

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



71, 54.076, 74.346



71, 54.076, 124.346



71, 54.076, 254.346



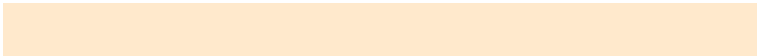
71, 54.076, 304.346

Sweetspot

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



71, 54.075, 74.350



94, 17.205, 80.779



55, 62.379, 356.516



49, 11.796, 80.404



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, 54.075, 74.350



76, 71.818, 71.955



86, 71.123, 107.531



46, 4.322, 82.152



50, 62.921, 67.538



12, 19.918, 69.067

Inverse Universe

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



57, 49.663, 277.844



58, 66.778, 283.044



42, 86.884, 302.070



45, 4.276, 264.709



34, 63.362, 290.683



7, 21.461, 281.468

Previews

White Background



This preview shows how the CIELCh color 71, 54.076, 74.346 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, 54.076, 74.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

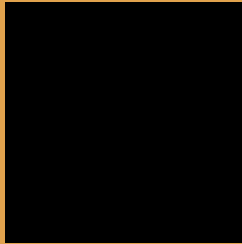
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 54.076, 74.346

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.076, 74.346.



This preview shows how white text looks on a background with the CIELCh color 71, 54.076, 74.346.

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](#).

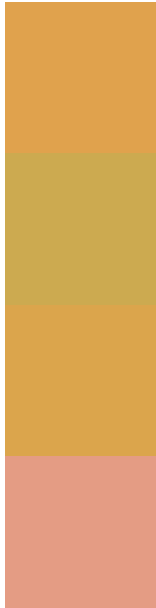
Dichromacy





Tritanopia
71, 31.357, 10.714

Trichromacy



Original Color
71, 54.076, 74.346

Protanomaly
71, 50.085, 87.704

Deuteranomaly
71, 53.686, 78.383

Tritanomaly
71, 33.588, 44.273

Monochromacy



Original Color
71, 54.076, 74.346

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 19.230, 80.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.076, 74.346 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, 162, 77)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 77)  
}
```

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, 162, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.076, 74.346 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, 162, 77) }
```

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

```
.border{ border-color:rgb(224, 162, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 77);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.076, 74.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 77) }
```

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

```
.background{ background-color: rgb(224,  
162, 77) }
```

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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