

Converting Colors

CIELCh(74, 54.891, 79.429)

Have a look what the booklet for
CIELCh(74, 54.891, 79.429) contains.

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Color

CIELCh(74, 55.066, 79.350)

Conversions

Conversions Part 1

Format	Color
Hex	E3AD50
RGB	227, 173, 80
RGB Percent	89%, 68%, 31%
CMY	0.1105, 0.3222, 0.6869
CMYK	0.00, 0.24, 0.65, 0.11
HSL	38°, 72%, 60%
HSV	38°, 65%, 89%
XYZ	47.9767, 46.7039, 14.0457
YIQ	178.5440, 62.0370, -17.4750

Conversions

Conversions Part 2

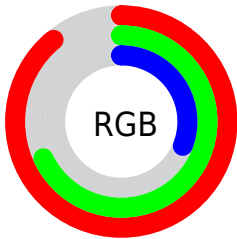
Format	Color
RYB	165, 227, 80
Decimal	14921040
CIELab	74.00, 10.18, 54.12
CIELCh	74, 55.066, 79.350
Yxy	46.7039, 0.4413, 0.4296
Android (android.graphics.Color)	4293111120 (0xFFE3AD50)
YUV	178.5440, -48.5822, 42.4959
Hunter-Lab	68.3403, 5.7162, 35.6526

Details

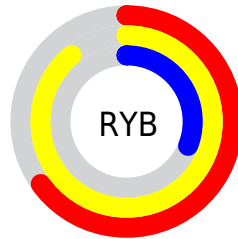
The CIELCh color **74, 55.066, 79.350** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **56, 53.817, 282.137**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 49.547, 93.211**, and **54, 55.238, 79.386** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.023, 77.694**, and if you desaturate by 10%, it is **76, 46.492, 80.879**.

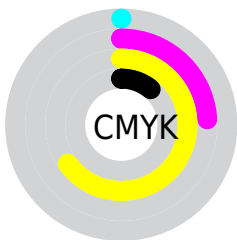
Distribution



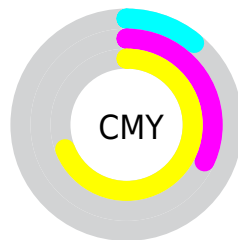
- Red (89%)
- Green (68%)
- Blue (31%)



- Red (65%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 55.066, 79.350 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, 55.066, 79.350 by changing the saturation by 10% instead.

74, 55.066, 79.350

74, 55.066, 79.350

100, 55.066,
79.350

64, 55.066, 79.350

94, 55.066, 79.350

54, 55.066, 79.350

44, 55.066, 79.350

34, 55.066, 79.350

24, 55.066, 79.350

14, 55.066, 79.350

4, 55.066, 79.350

0, 55.066, 79.350

74, 55.066, 79.350

74, 55.066, 79.350

72, 63.023, 77.694

76, 46.492, 80.879

70, 69.653, 75.776

79, 37.727, 82.330

68, 74.033, 73.390

81, 28.996, 83.733

67, 75.559, 71.991

84, 20.412, 85.095

86, 12.022, 86.411

89, 3.841, 87.643

92, 4.134, 269.027

94, 8.987, 262.246

96, 7.950, 226.734

Harmonies

Complementary

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



74, 55.066, 79.350



56, 53.817, 282.137

Rectangle

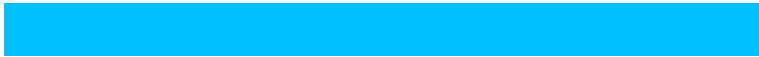
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 55.066, 79.350



74, 55.066, 129.350



74, 55.066, 259.350



74, 55.066, 309.350

Sweetspot

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



74, 55.066, 79.353



94, 17.073, 85.848



56, 61.488, 0.014



50, 11.794, 85.468



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, 55.066, 79.353



79, 71.764, 77.022



87, 71.392, 110.024



46, 4.540, 87.091



53, 62.474, 72.570



13, 20.396, 75.020

Inverse Universe

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



56, 53.817, 282.137



56, 72.132, 286.973



44, 86.405, 302.886



44, 4.522, 269.611



32, 69.779, 294.452



6, 23.101, 284.856

Previews

White Background



This preview shows how the CIELCh color 74, 55.066, 79.350 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, 55.066, 79.350 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, 55.066, 79.350

Background



This preview shows how black text looks on a background with the CIELCh color 74, 55.066, 79.350.



This preview shows how white text looks on a background with the CIELCh color 74, 55.066, 79.350.

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, 55.066, 79.350

Protanopia

74, 52.184, 95.458

Deuteranopia

74, 54.848, 79.755



Tritanopia
74, 28.269, 9.016

Trichromacy



Original Color
74, 55.066, 79.350

Protanomaly
74, 52.682, 89.615

Deuteranomaly
74, 54.848, 79.755

Tritanomaly
74, 30.844, 49.032

Monochromacy



Original Color
74, 55.066, 79.350

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 20.154, 84.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 55.066, 79.350 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(227, 173, 80)` looks like.

```
.text, #text, p{  
    color:rgb(227, 173, 80)  
}
```

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(227, 173, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 55.066, 79.350 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(227, 173, 80) }
```

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

```
.border{ border-color:rgb(227, 173, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 173, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 80);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 55.066, 79.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 80) }
```

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

```
.background{ background-color: rgb(227,  
173, 80) }
```

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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