

Converting Colors

CIELCh(74, 54.947, 70.776)

Have a look what the booklet for
CIELCh(74, 54.947, 70.776) contains.

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Color

CIELCh(74, 55.072, 71.211)

Conversions

Conversions Part 1

Format	Color
Hex	EEA855
RGB	238, 168, 85
RGB Percent	93%, 66%, 33%
CMY	0.0677, 0.3421, 0.6675
CMYK	0.00, 0.29, 0.64, 0.07
HSL	33°, 82%, 63%
HSV	33°, 64%, 93%
XYZ	50.7625, 46.7039, 14.8877
YIQ	179.4680, 68.3630, -10.9730

Conversions

Conversions Part 2

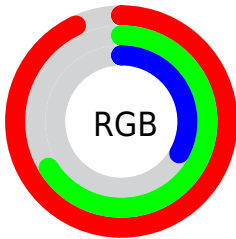
Format	Color
R _Y B	214, 238, 85
Decimal	15640661
CIE Lab	74.00, 17.74, 52.14
CIE LCh	74, 55.072, 71.211
Yxy	46.7039, 0.4518, 0.4157
Android (android.graphics.Color)	4293830741 (0xFFEEA855)
YUV	179.4680, -46.5727, 51.3326
Hunter-Lab	68.3403, 12.9927, 34.9221

Details

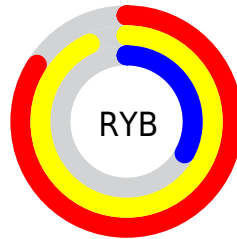
The CIELCh color **74, 55.072, 71.211** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **63, 48.383, 274.095**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 46.036, 89.848**, and **54, 55.210, 71.295** is the 20% darker color. If you saturate the color by 10%, you get **71, 63.904, 69.620**, and if you desaturate by 10%, it is **77, 45.923, 72.669**.

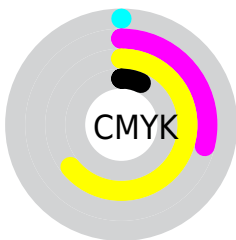
Distribution



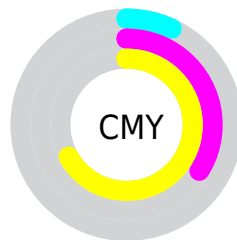
- Red (93%)
- Green (66%)
- Blue (33%)



- Red (84%)
- Yellow (93%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 55.072, 71.211 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, 55.072, 71.211 by changing the saturation by 10% instead.

74, 55.072, 71.211

74, 55.072, 71.211

100, 55.072,
71.211

64, 55.072, 71.211

94, 55.072, 71.211

54, 55.072, 71.211

44, 55.072, 71.211

34, 55.072, 71.211

24, 55.072, 71.211

14, 55.072, 71.211

4, 55.072, 71.211

0, 55.072, 71.211

74, 55.072, 71.211

74, 55.072, 71.211

71, 63.904, 69.620

77, 45.923, 72.669

69, 71.717, 67.723

80, 36.834, 74.059

66, 77.452, 65.232

83, 27.982, 75.414

65, 79.783, 63.578

86, 19.439, 76.742

89, 11.223, 78.035

93, 3.324, 79.232

96, 4.279, 260.675

99, 5.848, 200.312

99, 5.929, 199.142

Harmonies

Complementary

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



74, 55.072, 71.211



63, 48.383, 274.095

Rectangle

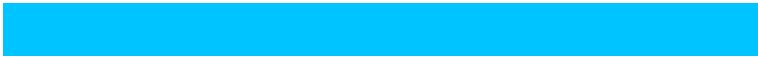
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 55.072, 71.211



74, 55.072, 121.211



74, 55.072, 251.211



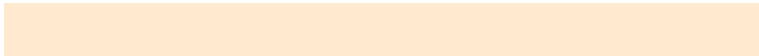
74, 55.072, 301.211

Sweetspot

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



74, 55.071, 71.215



93, 15.893, 77.429



59, 65.214, 353.889



49, 11.002, 77.055



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, 55.071, 71.215



75, 69.976, 69.102



91, 73.341, 105.940



48, 4.433, 78.642



51, 65.576, 64.232



14, 23.493, 65.715

Inverse Universe

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



63, 48.383, 274.095



61, 61.223, 279.008



45, 89.429, 301.256



48, 4.363, 261.210



37, 61.336, 287.953



9, 23.044, 280.637

Previews

White Background



This preview shows how the CIELCh color 74, 55.072, 71.211 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, 55.072, 71.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

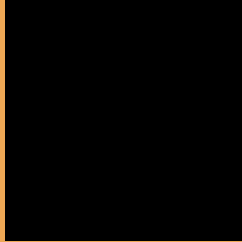
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 55.072, 71.211

Background



This preview shows how black text looks on a background with the CIELCh color 74, 55.072, 71.211.



This preview shows how white text looks on a background with the CIELCh color 74, 55.072, 71.211.

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](#).

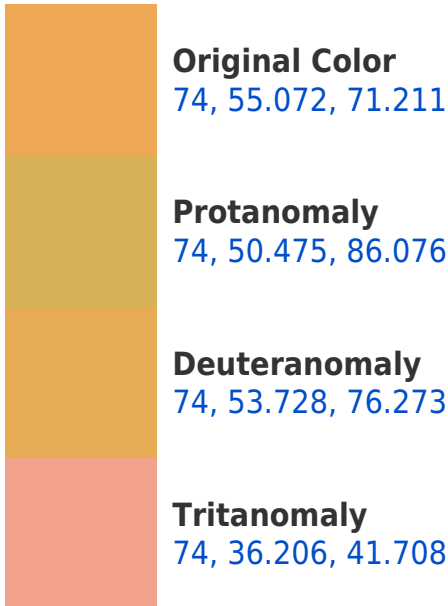
Dichromacy





Tritanopia
74, 34.271, 12.039

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 55.072, 71.211 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(238, 168, 85)` looks like.

```
.text, #text, p{  
    color:rgb(238, 168, 85)  
}
```

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(238, 168, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 168, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 55.072, 71.211 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(238, 168, 85) }
```

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

```
.border{ border-color:rgb(238, 168, 85) }
```

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

Here you see how a box with a 4 pixel rgb(238, 168, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 168, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 168, 85);  
box-shadow:4px 4px 4px 4px rgb(238, 168,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 55.072, 71.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 168, 85) }
```

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

```
.background{ background-color: rgb(238,  
168, 85) }
```

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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