

Converting Colors

CIELCh(74, 71.579, 69.236)

Have a look what the booklet for
CIELCh(74, 71.579, 69.236) contains.

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Color

CIELCh(74, 71.622, 69.465)

Conversions

Conversions Part 1

Format	Color
Hex	FCA233
RGB	252, 162, 51
RGB Percent	99%, 64%, 20%
CMY	0.0123, 0.3652, 0.8005
CMYK	0.00, 0.36, 0.80, 0.01
HSL	33°, 97%, 59%
HSV	33°, 80%, 99%
XYZ	53.5859, 46.7039, 9.3072
YIQ	176.2560, 89.2710, -15.4410

Conversions

Conversions Part 2

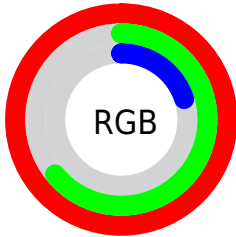
Format	Color
R _Y B	214, 252, 51
Decimal	16556595
CIE Lab	74.00, 25.12, 67.07
CIE LCh	74, 71.622, 69.465
Yxy	46.7039, 0.4889, 0.4261
Android (android.graphics.Color)	4294746675 (0xFFFC A233)
YUV	176.2560, -61.7512, 66.4275
Hunter-Lab	68.3403, 20.3671, 39.7636

Details

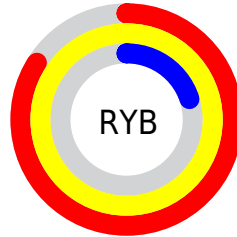
The CIELCh color **74, 71.622, 69.465** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **59, 63.898, 281.049**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 58.553, 89.380**, and **54, 66.641, 67.388** is the 20% darker color. If you saturate the color by 10%, you get **71, 78.578, 67.254**, and if you desaturate by 10%, it is **77, 62.949, 71.232**.

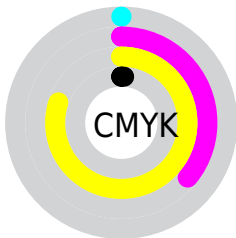
Distribution



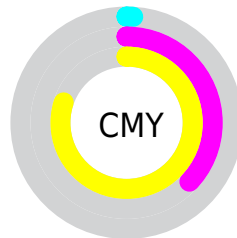
- Red (99%)
- Green (64%)
- Blue (20%)



- Red (84%)
- Yellow (99%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (1%)



- Cyan (1%)
- Magenta (37%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 71.622, 69.465 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, 71.622, 69.465 by changing the saturation by 10% instead.

74, 71.622, 69.465

74, 71.622, 69.465

100, 71.622,
69.465

64, 71.622, 69.465

94, 71.622, 69.465

54, 71.622, 69.465

44, 71.622, 69.465

34, 71.622, 69.465

24, 71.622, 69.465

14, 71.622, 69.465

4, 71.622, 69.465

0, 71.622, 69.465

74, 71.622, 69.465

74, 71.622, 69.465

71, 78.578, 67.254

77, 62.949, 71.232

69, 83.034, 64.374

80, 53.537, 72.776

69, 83.116, 64.317

83, 43.967, 74.217

86, 34.534, 75.609

89, 25.374, 76.968

92, 16.536, 78.295

96, 8.026, 79.576

99, 0.170, 263.185

100, 1.093,
199.942

Harmonies

Complementary

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



74, 71.622, 69.465



59, 63.898, 281.049

Rectangle

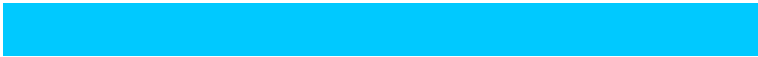
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 71.622, 69.465



74, 71.622, 119.465



74, 71.622, 249.465



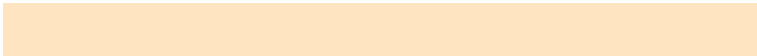
74, 71.622, 299.465

Sweetspot

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



74, 71.621, 69.468



92, 20.412, 77.740



57, 78.056, 359.397



48, 14.120, 77.265



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, 71.621, 69.468



71, 82.323, 65.490



95, 89.096, 106.056



50, 4.623, 79.614



53, 66.747, 65.015



16, 25.930, 66.997

Inverse Universe

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



59, 63.898, 281.049



53, 78.216, 288.007



38, 116.105, 304.457



49, 4.556, 262.197



38, 63.909, 288.857



10, 25.204, 282.399

Previews

White Background



This preview shows how the CIELCh color 74, 71.622, 69.465 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, 71.622, 69.465 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, 71.622, 69.465

Background



This preview shows how black text looks on a background with the CIELCh color 74, 71.622, 69.465.



This preview shows how white text looks on a background with the CIELCh color 74, 71.622, 69.465.

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, 71.622, 69.465

Protanopia

74, 63.878, 95.597

Deuteranopia

74, 68.458, 82.072



Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 71.622, 69.465

Protanomaly
74, 64.663, 85.361

Deuteranomaly
74, 69.034, 77.410

Tritanomaly
74, 46.956, 45.054

Monochromacy



Original Color
74, 71.622, 69.465

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 26.357, 76.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 71.622, 69.465 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(252, 162, 51)` looks like.

```
.text, #text, p{  
    color:rgb(252, 162, 51)  
}
```

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(252, 162, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 162, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 71.622, 69.465 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(252, 162, 51) }
```

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

```
.border{ border-color:rgb(252, 162, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 162, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 162, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 162, 51);  
box-shadow:4px 4px 4px 4px rgb(252, 162,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 71.622, 69.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 162, 51) }
```

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

```
.background{ background-color: rgb(252,  
162, 51) }
```

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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