

Converting Colors

CIELCh(71, 62.072, 71.045)

Have a look what the booklet for
CIELCh(71, 62.072, 71.045) contains.

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Color

CIELCh(71, 62.125, 71.029)

Conversions

Conversions Part 1

Format	Color
Hex	EA9E3F
RGB	234, 158, 63
RGB Percent	92%, 62%, 25%
CMY	0.0833, 0.3812, 0.7538
CMYK	0.00, 0.32, 0.73, 0.08
HSL	33°, 80%, 58%
HSV	33°, 73%, 92%
XYZ	46.9317, 42.1875, 10.3410
YIQ	169.8940, 75.7910, -13.4330

Conversions

Conversions Part 2

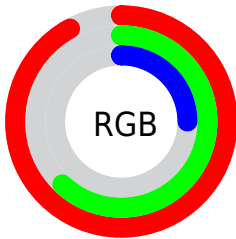
Format	Color
R _{YB}	200, 234, 63
Decimal	15375935
CIE _{Lab}	71.00, 20.20, 58.75
CIE _{LCh}	71, 62.125, 71.029
Yxy	42.1875, 0.4719, 0.4242
Android (android.graphics.Color)	4293566015 (0xFFEA9E3F)
YUV	169.8940, -52.6987, 56.2210
Hunter-Lab	64.9519, 15.3114, 36.0268

Details

The CIELCh color **71, 62.125, 71.029** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **57, 55.363, 278.575**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 52.974, 86.302**, and **51, 61.755, 71.283** is the 20% darker color. If you saturate the color by 10%, you get **68, 69.880, 69.165**, and if you desaturate by 10%, it is **74, 53.424, 72.626**.

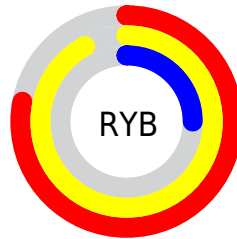
Distribution



Red (92%)

Green (62%)

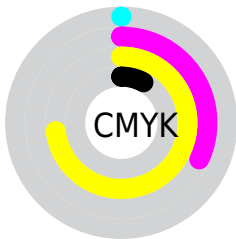
Blue (25%)



Red (78%)

Yellow (92%)

Blue (25%)

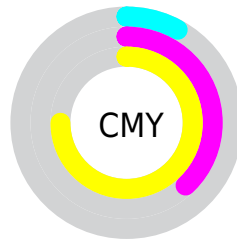


Cyan (0%)

Magenta (32%)

Yellow (73%)

Black (8%)



Cyan (8%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 62.125, 71.029 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, 62.125, 71.029 by changing the saturation by 10% instead.

71, 62.125, 71.029

71, 62.125, 71.029

100, 62.125,
71.029

61, 62.125, 71.029

91, 62.125, 71.029

51, 62.125, 71.029

41, 62.125, 71.029

31, 62.125, 71.029

21, 62.125, 71.029

11, 62.125, 71.029

1, 62.125, 71.029

0, 62.125, 71.029

71, 62.125, 71.029

71, 62.125, 71.029

68, 69.880, 69.165

74, 53.424, 72.626

66, 75.691, 66.762

76, 44.432, 74.091

64, 78.432, 64.779

79, 35.494, 75.494

82, 26.776, 76.861

85, 18.345, 78.197

88, 10.219, 79.494

92, 2.390, 80.655

95, 5.163, 262.117

98, 6.251, 216.957

Harmonies

Complementary

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



71, 62.125, 71.029



57, 55.363, 278.575

Rectangle

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



71, 62.125, 71.029



71, 62.125, 121.029



71, 62.125, 251.029



71, 62.125, 301.029

Sweetspot

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



71, 62.124, 71.032



93, 18.681, 78.333



55, 70.042, 357.270



48, 12.618, 77.973



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, 62.124, 71.032



73, 78.245, 67.985



89, 79.602, 106.309



48, 4.400, 79.953



51, 64.639, 65.427



14, 22.316, 66.943

Inverse Universe

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



57, 55.363, 278.575



56, 71.821, 284.833



39, 100.718, 303.244



47, 4.339, 262.521



36, 62.176, 288.998



8, 22.681, 281.372

Previews

White Background



This preview shows how the CIELCh color 71, 62.125, 71.029 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, 62.125, 71.029 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, 62.125, 71.029

Background



This preview shows how black text looks on a background with the CIELCh color 71, 62.125, 71.029.



This preview shows how white text looks on a background with the CIELCh color 71, 62.125, 71.029.

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

71, 62.125, 71.029

Protanopia

71, 55.876, 95.399

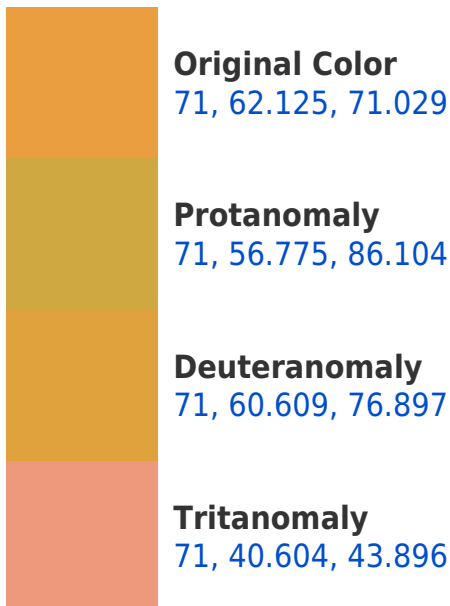
Deuteranopia

71, 60.071, 80.882



Tritanopia
71, 37.032, 14.079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 62.125, 71.029 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(234, 158, 63)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 63)  
}
```

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(234, 158, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 62.125, 71.029 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(234, 158, 63) }
```

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

```
.border{ border-color:rgb(234, 158, 63) }
```

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

Here you see how a box with a 4 pixel rgb(234, 158, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 158, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 158, 63);  
box-shadow:4px 4px 4px 4px rgb(234, 158,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 62.125, 71.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 63) }
```

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

```
.background{ background-color: rgb(234,  
158, 63) }
```

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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