

Converting Colors

CIELCh(72, 62.892, 71.109)

Have a look what the booklet for
CIELCh(72, 62.892, 71.109) contains.

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Color

CIELCh(72, 62.696, 70.975)

Conversions

Conversions Part 1

Format	Color
Hex	EDA040
RGB	237, 160, 64
RGB Percent	93%, 63%, 25%
CMY	0.0694, 0.3715, 0.7480
CMYK	0.00, 0.32, 0.73, 0.07
HSL	33°, 83%, 59%
HSV	33°, 73%, 93%
XYZ	48.5722, 43.6590, 10.7555
YIQ	172.0790, 76.7080, -13.5320

Conversions

Conversions Part 2

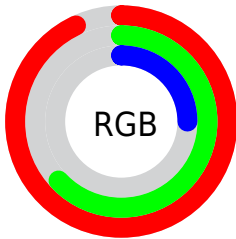
Format	Color
R _Y B	203, 237, 64
Decimal	15573056
CIE Lab	72.00, 20.44, 59.27
CIE LCh	72, 62.696, 70.975
Yxy	43.6590, 0.4716, 0.4239
Android (android.graphics.Color)	4293763136 (0xFFEDA040)
YUV	172.0790, -53.2829, 56.9357
Hunter-Lab	66.0750, 15.5853, 36.6014

Details

The CIELCh color **72, 62.696, 70.975** 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 **58, 55.796, 278.433**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 53.047, 87.329**, and **52, 62.580, 70.785** is the 20% darker color. If you saturate the color by 10%, you get **69, 70.576, 69.117**, and if you desaturate by 10%, it is **75, 53.874, 72.569**.

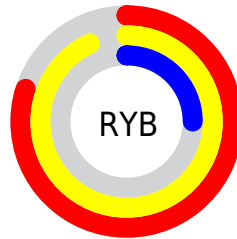
Distribution



Red (93%)

Green (63%)

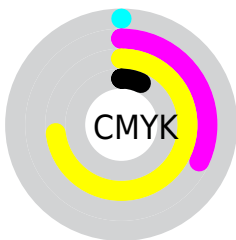
Blue (25%)



Red (80%)

Yellow (93%)

Blue (25%)

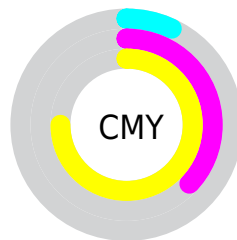


Cyan (0%)

Magenta (32%)

Yellow (73%)

Black (7%)



Cyan (7%)

Magenta (37%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 62.696, 70.975 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 72, 62.696, 70.975 by changing the saturation by 10% instead.

 72, 62.696, 70.975

 72, 62.696, 70.975

 100, 62.696,
70.975

 62, 62.696, 70.975

 92, 62.696, 70.975

 52, 62.696, 70.975

 42, 62.696, 70.975

 32, 62.696, 70.975

 22, 62.696, 70.975

 12, 62.696, 70.975

 2, 62.696, 70.975

 0, 62.696, 70.975

 72, 62.696, 70.975

 72, 62.696, 70.975

69, 70.576, 69.117

75, 53.874, 72.569

67, 76.506, 66.722

78, 44.767, 74.032

65, 79.359, 64.667

80, 35.723, 75.435

83, 26.904, 76.801

87, 18.379, 78.137

90, 10.163, 79.433

93, 2.249, 80.583

96, 5.385, 262.055

99, 6.078, 199.129

Harmonies

Complementary

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



72, 62.696, 70.975



58, 55.796, 278.433

Rectangle

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



72, 62.696, 70.975



72, 62.696, 120.975



72, 62.696, 250.975



72, 62.696, 300.975

Sweetspot

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



72, 62.695, 70.978



93, 18.670, 78.247



56, 70.747, 357.227



48, 12.610, 77.887



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 62.695, 70.978



73, 78.252, 67.906



91, 80.396, 106.316



49, 4.476, 79.863



51, 65.339, 65.309



15, 23.543, 67.007

Inverse Universe

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



58, 55.796, 278.433



56, 71.707, 284.756



40, 101.654, 303.215



47, 4.413, 262.436



37, 62.786, 288.972



9, 23.542, 281.774

Previews

White Background



This preview shows how the CIELCh color 72, 62.696, 70.975 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 72, 62.696, 70.975 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 72, 62.696, 70.975

Background



This preview shows how black text looks on a background with the CIELCh color 72, 62.696, 70.975.



This preview shows how white text looks on a background with the CIELCh color 72, 62.696, 70.975.

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

72, 62.696, 70.975

Protanopia

72, 56.262, 95.527

Deuteranopia

72, 60.396, 81.140



Tritanopia
72, 37.340, 13.351

Trichromacy



Original Color
72, 62.696, 70.975

Protanomaly
72, 57.290, 85.903

Deuteranomaly
72, 60.903, 77.182

Tritanomaly
72, 40.882, 43.695

Monochromacy



Original Color
72, 62.696, 70.975

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 22.451, 77.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 62.696, 70.975 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(237, 160, 64)` looks like.

```
.text, #text, p{  
    color:rgb(237, 160, 64)  
}
```

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(237, 160, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 160, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 62.696, 70.975 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(237, 160, 64) }
```

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

```
.border{ border-color:rgb(237, 160, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 160, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 160, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 160, 64);  
box-shadow:4px 4px 4px 4px rgb(237, 160,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 62.696, 70.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 160, 64) }
```

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

```
.background{ background-color: rgb(237,  
160, 64) }
```

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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