

Converting Colors

CIELCh(72, 61.762, 75.302)

Have a look what the booklet for
CIELCh(72, 61.762, 75.302) contains.

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Color

CIELCh(72, 61.520, 75.582)

Conversions

Conversions Part 1

Format	Color
Hex	E6A43F
RGB	230, 164, 63
RGB Percent	90%, 64%, 25%
CMY	0.0986, 0.3574, 0.7534
CMYK	0.00, 0.29, 0.73, 0.10
HSL	36°, 77%, 57%
HSV	36°, 73%, 90%
XYZ	46.7298, 43.6590, 10.6473
YIQ	172.2200, 71.7570, -17.4190

Conversions

Conversions Part 2

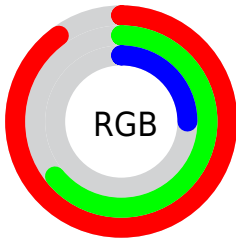
Format	Color
RYB	172, 230, 63
Decimal	15115327
CIELab	72.00, 15.32, 59.58
CIElCh	72, 61.520, 75.582
Yxy	43.6590, 0.4625, 0.4321
Android (android.graphics.Color)	4293305407 (0xFFE6A43F)
YUV	172.2200, -53.8455, 50.6731
Hunter-Lab	66.0750, 10.6082, 36.6985

Details

The CIELCh color **72, 61.520, 75.582** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **54, 58.741, 282.664**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 54.624, 89.627**, and **52, 60.896, 75.099** is the 20% darker color. If you saturate the color by 10%, you get **70, 68.801, 73.713**, and if you desaturate by 10%, it is **74, 53.171, 77.214**.

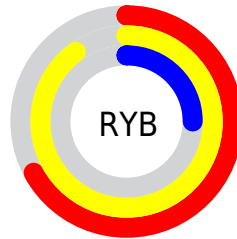
Distribution



Red (90%)

Green (64%)

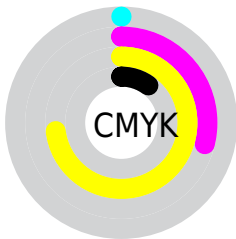
Blue (25%)



Red (67%)

Yellow (90%)

Blue (25%)

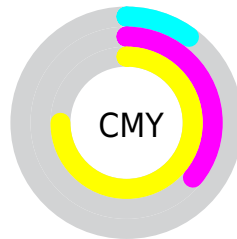


Cyan (0%)

Magenta (29%)

Yellow (73%)

Black (10%)



Cyan (10%)

Magenta (36%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 61.520, 75.582 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, 61.520, 75.582 by changing the saturation by 10% instead.

 72, 61.520, 75.582

 72, 61.520, 75.582

 100, 61.520,
75.582

 62, 61.520, 75.582

 92, 61.520, 75.582

 52, 61.520, 75.582

 42, 61.520, 75.582

 32, 61.520, 75.582

 22, 61.520, 75.582

 12, 61.520, 75.582

 2, 61.520, 75.582

 0, 61.520, 75.582

 72, 61.520, 75.582

 72, 61.520, 75.582

70, 68.801, 73.713

74, 53.171, 77.214

68, 74.080, 71.380

77, 44.402, 78.720

66, 76.561, 69.334

79, 35.572, 80.160

82, 26.864, 81.555

85, 18.363, 82.911

88, 10.099, 84.220

90, 2.076, 85.380

93, 5.719, 266.825

96, 7.135, 241.771

Harmonies

Complementary

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



72, 61.520, 75.582



54, 58.741, 282.664

Rectangle

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



72, 61.520, 75.582



72, 61.520, 125.582



72, 61.520, 255.582



72, 61.520, 305.582

Sweetspot

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



72, 61.519, 75.585



93, 19.391, 82.980



54, 67.944, 0.970



49, 13.082, 82.615



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, 61.519, 75.585



76, 77.529, 72.656



88, 78.448, 108.885



47, 4.507, 84.623



52, 63.307, 69.937



14, 21.399, 72.108

Inverse Universe

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



54, 58.741, 282.664



53, 77.433, 288.409



39, 98.357, 303.878



45, 4.474, 267.174



33, 67.275, 292.655



7, 23.473, 284.407

Previews

White Background



This preview shows how the CIELCh color 72, 61.520, 75.582 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 CIE LCh color 72, 61.520, 75.582 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, 61.520, 75.582

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.520, 75.582.



This preview shows how white text looks on a background with the CIELCh color 72, 61.520, 75.582.

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, 61.520, 75.582

Protanopia

72, 57.107, 95.566

Deuteranopia

72, 60.396, 81.140



Tritanopia
72, 33.227, 12.529

Trichromacy



Original Color
72, 61.520, 75.582

Protanomaly
72, 57.880, 87.861

Deuteranomaly
72, 60.733, 78.939

Tritanomaly
72, 36.868, 47.491

Monochromacy



Original Color
72, 61.520, 75.582

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 22.549, 81.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.520, 75.582 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(230, 164, 63)` looks like.

```
.text, #text, p{  
    color:rgb(230, 164, 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(230, 164, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 164, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.520, 75.582 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(230, 164, 63) }
```

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

```
.border{ border-color:rgb(230, 164, 63) }
```

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

Here you see how a box with a 4 pixel rgb(230, 164, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 164, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 164, 63);  
box-shadow:4px 4px 4px 4px rgb(230, 164,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.520, 75.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 164, 63) }
```

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

```
.background{ background-color: rgb(230,  
164, 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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