

Converting Colors

CIELCh(72, 61.368, 57.343)

Have a look what the booklet for
CIELCh(72, 61.368, 57.343) contains.

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Color

CIELCh(72, 61.472, 57.553)

Conversions

Conversions Part 1

Format	Color
Hex	FE9752
RGB	254, 151, 82
RGB Percent	100%, 59%, 32%
CMY	0.0052, 0.4089, 0.6795
CMYK	0.00, 0.41, 0.68, 0.01
HSL	24°, 98%, 66%
HSV	24°, 68%, 99%
XYZ	53.2894, 43.6590, 13.5487
YIQ	173.9310, 83.5370, 0.3770

Conversions

Conversions Part 2

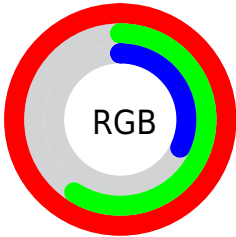
Format	Color
RYB	254, 197, 82
Decimal	16684882
CIELab	72.00, 32.98, 51.88
CIELCh	72, 61.472, 57.553
Yxy	43.6590, 0.4823, 0.3951
Android (android.graphics.Color)	4294874962 (0xFFFE9752)
YUV	173.9310, -45.3220, 70.2205
Hunter-Lab	66.0750, 28.3288, 34.0951

Details

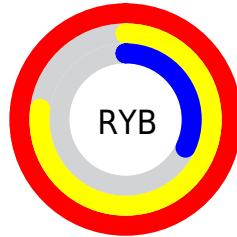
The CIELCh color **72, 61.472, 57.553** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **72, 43.647, 258.635**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 43.075, 78.540**, and **52, 61.546, 57.673** is the 20% darker color. If you saturate the color by 10%, you get **69, 71.840, 56.553**, and if you desaturate by 10%, it is **76, 51.018, 58.443**.

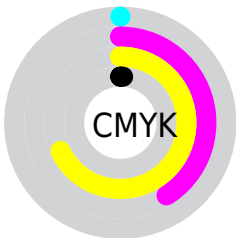
Distribution



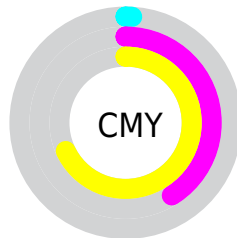
- Red (100%)
- Green (59%)
- Blue (32%)



- Red (100%)
- Yellow (77%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 61.472, 57.553 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, 61.472, 57.553 by changing the saturation by 10% instead.

72, 61.472, 57.553

72, 61.472, 57.553

100, 61.472,
57.553

62, 61.472, 57.553

92, 61.472, 57.553

52, 61.472, 57.553

42, 61.472, 57.553

32, 61.472, 57.553

22, 61.472, 57.553

12, 61.472, 57.553

2, 61.472, 57.553

0, 61.472, 57.553

72, 61.472, 57.553

72, 61.472, 57.553

69, 71.840, 56.553

76, 51.018, 58.443

65, 81.234, 55.166

79, 40.906, 59.326

63, 88.276, 52.960

83, 31.309, 60.245

62, 89.657, 52.457

88, 22.278, 61.203

92, 13.803, 62.189

96, 5.850, 63.159

100, 0.461,
200.815

Harmonies

Complementary

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



72, 61.472, 57.553



72, 43.647, 258.635

Rectangle

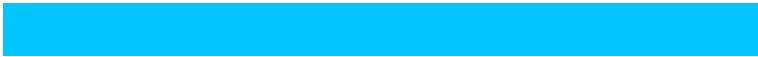
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 61.472, 57.553



72, 61.472, 107.553



72, 61.472, 237.553



72, 61.472, 287.553

Sweetspot

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



72, 61.470, 57.556



91, 15.706, 61.968



62, 75.973, 345.831



47, 10.813, 61.690



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, 61.470, 57.556



68, 75.353, 56.164



93, 74.409, 98.605



51, 4.318, 62.998



47, 72.095, 53.126



14, 27.452, 52.317

Inverse Universe

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



72, 43.647, 258.635



68, 50.577, 264.202



49, 89.469, 298.086



51, 4.158, 245.196



47, 47.671, 272.653



14, 19.941, 265.468

Previews

White Background



This preview shows how the CIELCh color 72, 61.472, 57.553 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, 61.472, 57.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

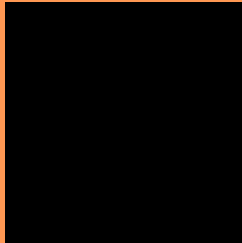
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 61.472, 57.553

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.472, 57.553.



This preview shows how white text looks on a background with the CIELCh color 72, 61.472, 57.553.

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, 61.472, 57.553

Protanopia

72, 46.546, 95.858

Deuteranopia

72, 53.756, 80.072



Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 61.472, 57.553

Protanomaly
72, 48.478, 79.058

Deuteranomaly
72, 55.414, 70.973

Tritanomaly
72, 47.904, 35.059

Monochromacy



Original Color
72, 61.472, 57.553

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 21.000, 62.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.472, 57.553 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(254, 151, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 82)  
}
```

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(254, 151, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.472, 57.553 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(254, 151, 82) }
```

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

```
.border{ border-color:rgb(254, 151, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.472, 57.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 82) }
```

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

```
.background{ background-color: rgb(254,  
151, 82) }
```

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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