

Converting Colors

CIELCh(72, 67.622, 61.662)

Have a look what the booklet for
CIELCh(72, 67.622, 61.662) contains.

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Color

CIELCh(72, 67.692, 61.624)

Conversions

Conversions Part 1

Format	Color
Hex	FE9741
RGB	254, 151, 65
RGB Percent	100%, 59%, 25%
CMY	0.0033, 0.4073, 0.7446
CMYK	0.00, 0.41, 0.74, 0.00
HSL	27°, 99%, 63%
HSV	27°, 74%, 100%
XYZ	52.9760, 43.6590, 10.6555
YIQ	171.9930, 88.9940, -4.9100

Conversions

Conversions Part 2

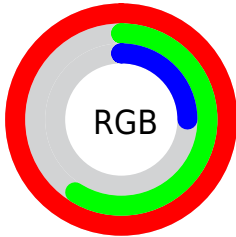
Format	Color
R_{YB}	254, 223, 65
Decimal	16684865
CIE _{Lab}	72.00, 32.17, 59.56
CIE _{LCh}	72, 67.692, 61.624
Yxy	43.6590, 0.4938, 0.4069
Android (android.graphics.Color)	4294874945 (0xFFFE9741)
YUV	171.9930, -52.7475, 71.9201
Hunter-Lab	66.0750, 27.4821, 36.6911

Details

The CIELCh color **72, 67.692, 61.624** 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 **67, 51.111, 268.371**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 50.841, 81.980**, and **52, 67.928, 61.505** is the 20% darker color. If you saturate the color by 10%, you get **69, 76.932, 60.047**, and if you desaturate by 10%, it is **75, 57.673, 62.905**.

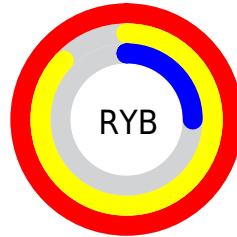
Distribution



Red (100%)

Green (59%)

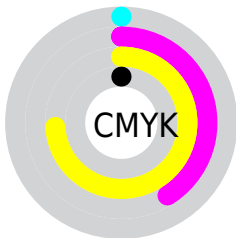
Blue (25%)



Red (100%)

Yellow (87%)

Blue (25%)

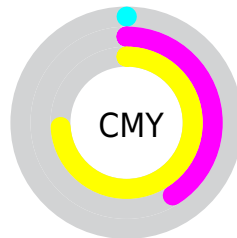


Cyan (0%)

Magenta (41%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 67.692, 61.624 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, 67.692, 61.624 by changing the saturation by 10% instead.

 72, 67.692, 61.624

 72, 67.692, 61.624

 100, 67.692,
61.624

 62, 67.692, 61.624

 92, 67.692, 61.624

 52, 67.692, 61.624

 42, 67.692, 61.624

 32, 67.692, 61.624

 22, 67.692, 61.624

 12, 67.692, 61.624

 2, 67.692, 61.624

 0, 67.692, 61.624

 72, 67.692, 61.624

 72, 67.692, 61.624

69, 76.932, 60.047

75, 57.673, 62.905

66, 84.168, 57.796

79, 47.604, 64.076

65, 87.230, 56.239

82, 37.831, 65.222

86, 28.498, 66.372

90, 19.646, 67.530

94, 11.268, 68.681

98, 3.333, 69.744

100, 0.293,
201.649

Harmonies

Complementary

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



72, 67.692, 61.624



67, 51.111, 268.371

Rectangle

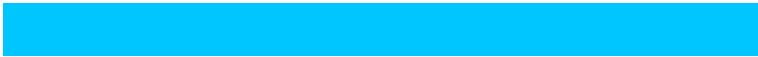
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 67.692, 61.624



72, 67.692, 111.624



72, 67.692, 241.624



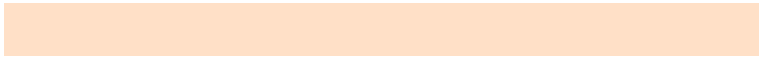
72, 67.692, 291.624

Sweetspot

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



72, 67.690, 61.627



91, 17.663, 67.804



60, 78.543, 350.376



47, 11.959, 67.490



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, 67.690, 61.627



68, 80.831, 59.114



95, 82.757, 100.934



51, 4.410, 69.227



49, 70.109, 56.940



15, 27.119, 57.390

Inverse Universe

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



67, 51.111, 268.371



62, 60.208, 274.992



43, 104.697, 301.491



51, 4.282, 251.649



44, 53.214, 279.410



13, 21.888, 272.521

Previews

White Background



This preview shows how the CIELCh color 72, 67.692, 61.624 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, 67.692, 61.624 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, 67.692, 61.624

Background



This preview shows how black text looks on a background with the CIELCh color 72, 67.692, 61.624.



This preview shows how white text looks on a background with the CIELCh color 72, 67.692, 61.624.

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, 67.692, 61.624

Protanopia

72, 54.534, 95.435

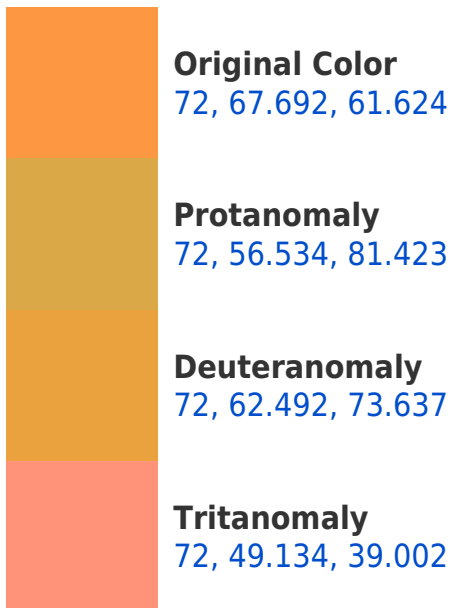
Deuteranopia

72, 61.173, 81.343



Tritanopia
72, 44.824, 17.299

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 67.692, 61.624 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, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 65)  
}
```

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, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 67.692, 61.624 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, 65) }
```

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

```
.border{ border-color:rgb(254, 151, 65) }
```

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, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 67.692, 61.624 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, 65) }
```

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

```
.background{ background-color: rgb(254,  
151, 65) }
```

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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