

Converting Colors

CIELCh(73, 62.725, 60.606)

Have a look what the booklet for
CIELCh(73, 62.725, 60.606) contains.

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Color

CIELCh(73, 62.725, 60.693)

Conversions

Conversions Part 1

Format	Color
Hex	FE9B4E
RGB	254, 155, 78
RGB Percent	100%, 61%, 31%
CMY	0.0031, 0.3914, 0.6934
CMYK	0.00, 0.39, 0.69, 0.00
HSL	26°, 99%, 65%
HSV	26°, 69%, 100%
XYZ	54.0814, 45.1644, 13.1069
YIQ	175.8230, 83.7210, -2.9590

Conversions

Conversions Part 2

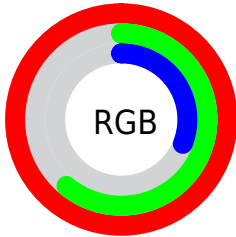
Format	Color
RYB	254, 215, 78
Decimal	16685902
CIELab	73.00, 30.70, 54.70
CIELCh	73, 62.725, 60.693
Yxy	45.1644, 0.4814, 0.4020
Android (android.graphics.Color)	4294875982 (0xFFFE9B4E)
YUV	175.8230, -48.2267, 68.5612
Hunter-Lab	67.2044, 26.0366, 35.4797

Details

The CIELCh color **73, 62.725, 60.693** 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 **70, 46.763, 264.082**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 45.782, 82.305**, and **53, 62.582, 60.666** is the 20% darker color. If you saturate the color by 10%, you get **70, 72.667, 59.408**, and if you desaturate by 10%, it is **76, 52.493, 61.811**.

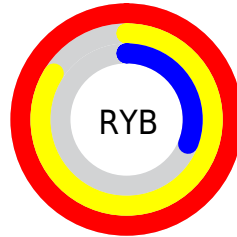
Distribution



Red (100%)

Green (61%)

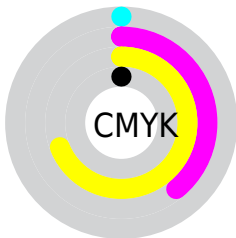
Blue (31%)



Red (100%)

Yellow (84%)

Blue (31%)

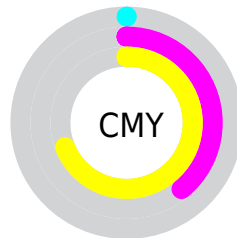


Cyan (0%)

Magenta (39%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 62.725, 60.693 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 73, 62.725, 60.693 by changing the saturation by 10% instead.

73, 62.725, 60.693

73, 62.725, 60.693

100, 62.725,
60.693

63, 62.725, 60.693

93, 62.725, 60.693

53, 62.725, 60.693

43, 62.725, 60.693

33, 62.725, 60.693

23, 62.725, 60.693

13, 62.725, 60.693

3, 62.725, 60.693

0, 62.725, 60.693

73, 62.725, 60.693

73, 62.725, 60.693

70, 72.667, 59.408

76, 52.493, 61.811

67, 81.346, 57.665

80, 42.471, 62.883

64, 87.606, 55.132

84, 32.875, 63.961

64, 88.045, 54.947

88, 23.781, 65.058

92, 15.195, 66.164

96, 7.092, 67.253

100, 0.275,
201.799

Harmonies

Complementary

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



73, 62.725, 60.693



70, 46.763, 264.082

Rectangle

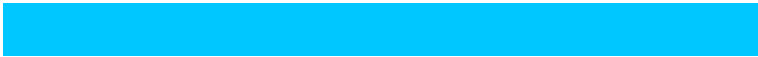
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 62.725, 60.693



73, 62.725, 110.693



73, 62.725, 240.693



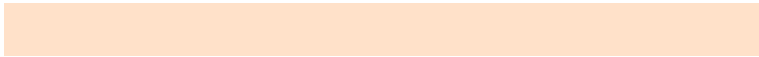
73, 62.725, 290.693

Sweetspot

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



73, 62.724, 60.696



91, 16.705, 65.970



61, 75.840, 348.198



48, 11.399, 65.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 62.724, 60.696



69, 76.335, 58.827



94, 77.713, 100.399



51, 4.374, 67.226



49, 70.728, 55.642



15, 27.205, 55.703

Inverse Universe

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



70, 46.763, 264.082



65, 54.821, 269.993



47, 95.338, 299.691



51, 4.236, 249.587



45, 51.334, 277.341



13, 21.220, 270.339

Previews

White Background



This preview shows how the CIELCh color 73, 62.725, 60.693 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 73, 62.725, 60.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

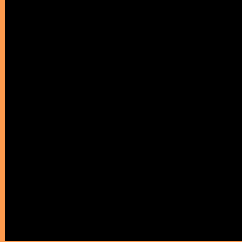
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 62.725, 60.693

Background



This preview shows how black text looks on a background with the CIELCh color 73, 62.725, 60.693.



This preview shows how white text looks on a background with the CIELCh color 73, 62.725, 60.693.

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

73, 62.725, 60.693

Protanopia

73, 49.849, 95.711

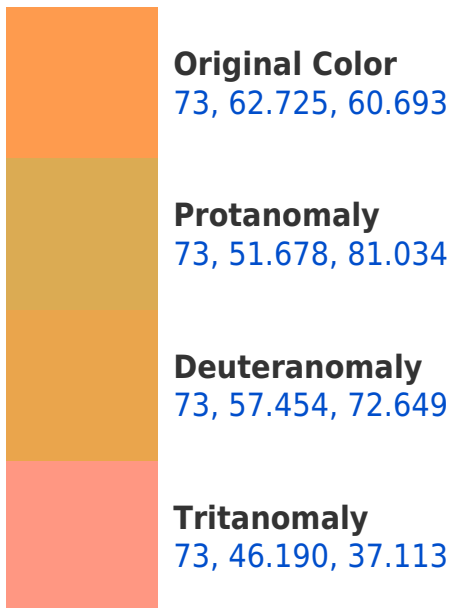
Deuteranopia

73, 56.422, 80.626



Tritanopia
73, 42.586, 16.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 62.725, 60.693 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, 155, 78)` looks like.

```
.text, #text, p{  
    color:rgb(254, 155, 78)  
}
```

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, 155, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 155, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 62.725, 60.693 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, 155, 78) }
```

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

```
.border{ border-color:rgb(254, 155, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 155, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 155, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 155, 78);  
box-shadow:4px 4px 4px 4px rgb(254, 155,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 62.725, 60.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 155, 78) }
```

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

```
.background{ background-color: rgb(254,  
155, 78) }
```

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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