

Converting Colors

CIELCh(70, 68.191, 57.313)

Have a look what the booklet for
CIELCh(70, 68.191, 57.313) contains.

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Color

CIELCh(70, 68.359, 57.443)

Conversions

Conversions Part 1

Format	Color
Hex	FE8E41
RGB	254, 142, 65
RGB Percent	100%, 56%, 25%
CMY	0.0044, 0.4435, 0.7454
CMYK	0.00, 0.44, 0.74, 0.00
HSL	24°, 99%, 63%
HSV	24°, 74%, 100%
XYZ	51.4441, 40.7494, 10.1415
YIQ	166.7100, 91.4690, -0.2030

Conversions

Conversions Part 2

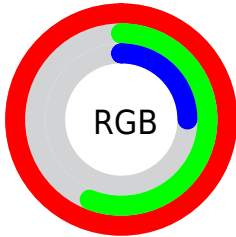
Format	Color
R_{YB}	254, 195, 65
Decimal	16682561
CIE Lab	70.00, 36.79, 57.62
CIE LCh	70, 68.359, 57.443
Yxy	40.7494, 0.5027, 0.3982
Android (android.graphics.Color)	4294872641 (0xFFFE8E41)
YUV	166.7100, -50.1430, 76.5533
Hunter-Lab	63.8353, 32.1393, 35.2653

Details

The CIELCh color **70, 68.359, 57.443** 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 **69, 47.535, 262.171**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 49.134, 76.159**, and **50, 68.211, 57.430** is the 20% darker color. If you saturate the color by 10%, you get **67, 78.150, 56.182**, and if you desaturate by 10%, it is **73, 57.936, 58.434**.

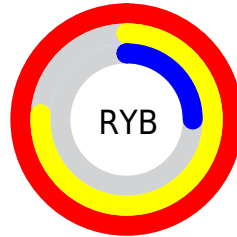
Distribution



Red (100%)

Green (56%)

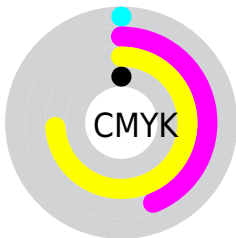
Blue (25%)



Red (100%)

Yellow (76%)

Blue (25%)

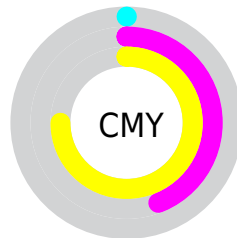


Cyan (0%)

Magenta (44%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 68.359, 57.443 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 70, 68.359, 57.443 by changing the saturation by 10% instead.

70, 68.359, 57.443

70, 68.359, 57.443

100, 68.359,
57.443

60, 68.359, 57.443

90, 68.359, 57.443

50, 68.359, 57.443

40, 68.359, 57.443

30, 68.359, 57.443

20, 68.359, 57.443

10, 68.359, 57.443

0, 68.359, 57.443

70, 68.359, 57.443

70, 68.359, 57.443

67, 78.150, 56.182

73, 57.936, 58.434

64, 86.028, 54.237

77, 47.597, 59.350

62, 89.407, 52.865

81, 37.664, 60.276

85, 28.262, 61.237

89, 19.417, 62.231

93, 11.112, 63.241

98, 3.306, 64.175

100, 0.385,
201.101

Harmonies

Complementary

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



70, 68.359, 57.443



69, 47.535, 262.171

Rectangle

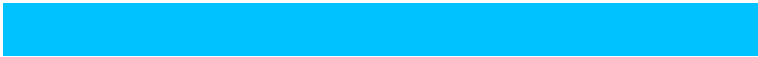
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 68.359, 57.443



70, 68.359, 107.443



70, 68.359, 237.443



70, 68.359, 287.443

Sweetspot

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



70, 68.357, 57.446



91, 17.410, 62.476



60, 80.492, 347.023



47, 11.800, 62.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 68.357, 57.446



66, 82.370, 55.406



92, 79.763, 97.976



51, 4.326, 63.729



48, 71.854, 53.541



15, 27.404, 52.886

Inverse Universe

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



69, 47.535, 262.171



65, 55.139, 268.895



45, 99.157, 299.827



51, 4.169, 245.959



47, 48.275, 273.497



14, 20.150, 266.338

Previews

White Background



This preview shows how the CIELCh color 70, 68.359, 57.443 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 70, 68.359, 57.443 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 70, 68.359, 57.443

Background



This preview shows how black text looks on a background with the CIELCh color 70, 68.359, 57.443.



This preview shows how white text looks on a background with the CIELCh color 70, 68.359, 57.443.

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](#).

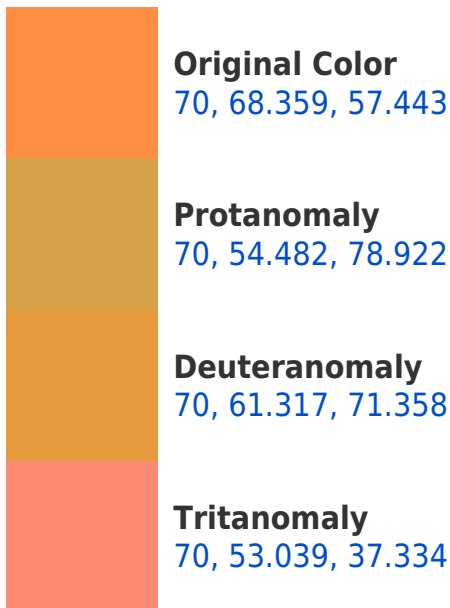
Dichromacy





Tritanopia
70, 48.969, 19.149

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 68.359, 57.443 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, 142, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 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, 142, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 68.359, 57.443 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, 142, 65) }
```

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

```
.border{ border-color:rgb(254, 142, 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, 142, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 68.359, 57.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 65) }
```

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

```
.background{ background-color: rgb(254,  
142, 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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