

Converting Colors

CIELCh(69, 74.056, 57.360)

Have a look what the booklet for
CIELCh(69, 74.056, 57.360) contains.

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Color

CIELCh(69, 73.686, 57.366)

Conversions

Conversions Part 1

Format	Color
Hex	FF8834
RGB	255, 136, 52
RGB Percent	100%, 53%, 20%
CMY	0.0000, 0.4649, 0.7943
CMYK	0.00, 0.46, 0.79, 0.00
HSL	25°, 100%, 60%
HSV	25°, 79%, 100%
XYZ	50.9306, 39.3444, 8.2114
YIQ	162.0050, 97.8880, -0.8960

Conversions

Conversions Part 2

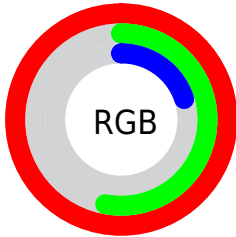
Format	Color
R_{YB}	255, 195, 52
Decimal	16746548
CIE _{Lab}	69.00, 39.74, 62.05
CIE _{LCh}	69, 73.686, 57.366
Yxy	39.3444, 0.5171, 0.3995
Android (android.graphics.Color)	4294936628 (0xFFFF8834)
YUV	162.0050, -54.2325, 81.5566
Hunter-Lab	62.7251, 35.1668, 36.1459

Details

The CIELCh color **69, 73.686, 57.366** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **67, 50.860, 265.355**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 53.526, 74.870**, and **49, 70.939, 55.632** is the 20% darker color. If you saturate the color by 10%, you get **66, 82.458, 55.867**, and if you desaturate by 10%, it is **72, 63.303, 58.607**.

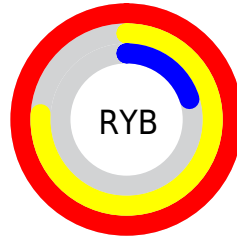
Distribution



Red (100%)

Green (53%)

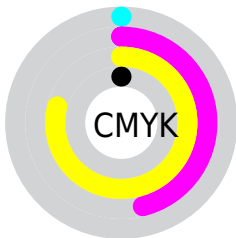
Blue (20%)



Red (100%)

Yellow (76%)

Blue (20%)

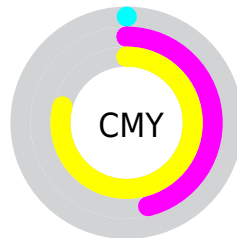


Cyan (0%)

Magenta (46%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 73.686, 57.366 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 69, 73.686, 57.366 by changing the saturation by 10% instead.

69, 73.686, 57.366

69, 73.686, 57.366

100, 73.686,
57.366

59, 73.686, 57.366

89, 73.686, 57.366

49, 73.686, 57.366

99, 73.686, 57.366

39, 73.686, 57.366

29, 73.686, 57.366

19, 73.686, 57.366

9, 73.686, 57.366

0, 73.686, 57.366

69, 73.686, 57.366

69, 73.686, 57.366

66, 82.458, 55.867

72, 63.303, 58.607

63, 89.003, 53.473

76, 52.880, 59.589

63, 89.352, 53.344

80, 42.719, 60.545

84, 33.030, 61.522

88, 23.884, 62.531

92, 15.281, 63.563

96, 7.192, 64.587

100, 0.012,
296.813

Harmonies

Complementary

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



69, 73.686, 57.366



67, 50.860, 265.355

Rectangle

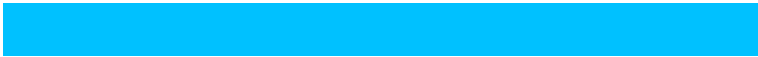
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



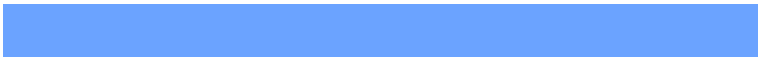
69, 73.686, 57.366



69, 73.686, 107.366



69, 73.686, 237.366



69, 73.686, 287.366

Sweetspot

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



69, 73.494, 57.465



90, 19.144, 63.090



59, 83.365, 348.040



46, 13.300, 62.723



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 73.494, 57.465



64, 86.372, 54.604



92, 83.404, 97.524



51, 4.336, 64.580



48, 71.575, 54.033



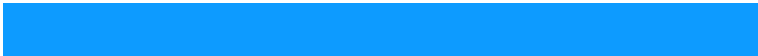
15, 27.350, 53.556

Inverse Universe

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



67, 50.860, 265.355



62, 59.029, 272.897



42, 106.546, 301.116



51, 4.184, 246.844



46, 48.992, 274.460



14, 20.399, 267.334

Previews

White Background



This preview shows how the CIELCh color 69, 73.686, 57.366 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 69, 73.686, 57.366 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 69, 73.686, 57.366

Background



This preview shows how black text looks on a background with the CIELCh color 69, 73.686, 57.366.



This preview shows how white text looks on a background with the CIELCh color 69, 73.686, 57.366.

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

69, 73.686, 57.366

Protanopia

69, 56.262, 95.688

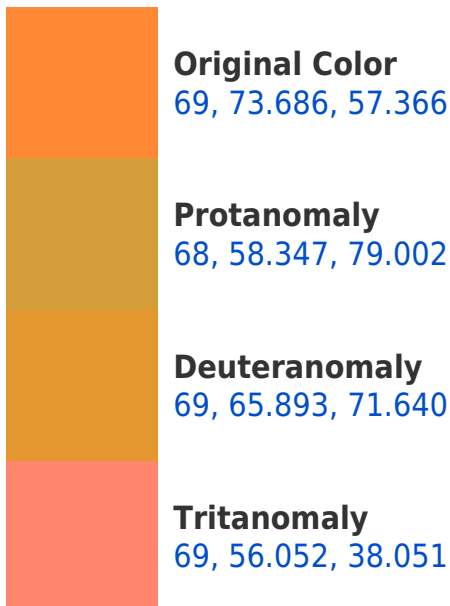
Deuteranopia

69, 63.893, 81.956



Tritanopia
69, 50.891, 20.267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 73.686, 57.366 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(255, 136, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 52)  
}
```

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(255, 136, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 73.686, 57.366 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(255, 136, 52) }
```

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

```
.border{ border-color:rgb(255, 136, 52) }
```

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

Here you see how a box with a 4 pixel rgb(255, 136, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 73.686, 57.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 52) }
```

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

```
.background{ background-color: rgb(255,  
136, 52) }
```

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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