

Converting Colors

CIELCh(67, 73.737, 53.772)

Have a look what the booklet for
CIELCh(67, 73.737, 53.772) contains.

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Color

CIELCh(67, 73.685, 53.918)

Conversions

Conversions Part 1

Format	Color
Hex	FE8036
RGB	254, 128, 54
RGB Percent	100%, 50%, 21%
CMY	0.0053, 0.4991, 0.7893
CMYK	0.00, 0.50, 0.79, 0.01
HSL	22°, 99%, 60%
HSV	22°, 79%, 99%
XYZ	49.0868, 36.6320, 7.9388
YIQ	157.2380, 98.8500, 3.6980

Conversions

Conversions Part 2

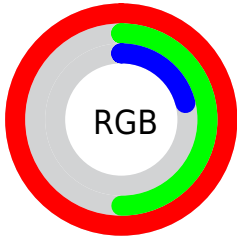
Format	Color
R_{YB}	254, 171, 54
Decimal	16678966
CIE _{Lab}	67.00, 43.40, 59.55
CIE _{LCh}	67, 73.685, 53.918
Yxy	36.6320, 0.5241, 0.3911
Android (android.graphics.Color)	4294869046 (0xFFFE8036)
YUV	157.2380, -50.8963, 84.8603
Hunter-Lab	60.5244, 38.8504, 34.5901

Details

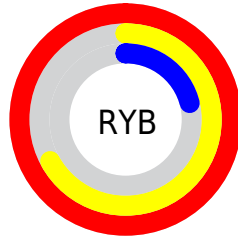
The CIELCh color **67, 73.685, 53.918** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **70, 47.072, 258.635**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 52.241, 69.591**, and **47, 71.783, 53.060** is the 20% darker color. If you saturate the color by 10%, you get **64, 83.273, 52.738**, and if you desaturate by 10%, it is **70, 63.059, 54.700**.

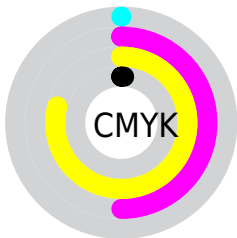
Distribution



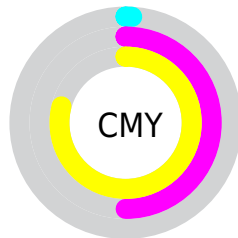
- Red (100%)
- Green (50%)
- Blue (21%)



- Red (100%)
- Yellow (67%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (50%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 73.685, 53.918 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 67, 73.685, 53.918 by changing the saturation by 10% instead.

67, 73.685, 53.918

67, 73.685, 53.918

100, 73.685,
53.918

57, 73.685, 53.918

87, 73.685, 53.918

47, 73.685, 53.918

97, 73.685, 53.918

37, 73.685, 53.918

27, 73.685, 53.918

17, 73.685, 53.918

7, 73.685, 53.918

0, 73.685, 53.918

67, 73.685, 53.918

67, 73.685, 53.918

64, 83.273, 52.738

70, 63.059, 54.700

61, 90.457, 50.732

74, 52.364, 55.372

61, 91.235, 50.506

78, 42.046, 56.063

82, 32.287, 56.812

87, 23.140, 57.623

91, 14.594, 58.481

96, 6.611, 59.345

100, 0.468,
200.791

Harmonies

Complementary

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



67, 73.685, 53.918



70, 47.072, 258.635

Rectangle

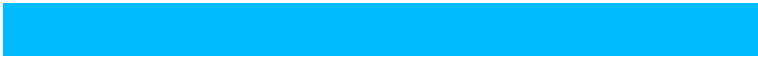
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 73.685, 53.918



67, 73.685, 103.918



67, 73.685, 233.918



67, 73.685, 283.918

Sweetspot

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



67, 73.683, 53.921



89, 19.029, 58.032



59, 84.241, 345.690



46, 13.236, 57.728



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 73.683, 53.921



62, 88.378, 51.574



90, 80.824, 95.397



51, 4.289, 59.288



46, 73.340, 51.149



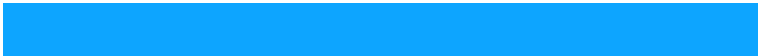
14, 27.735, 49.537

Inverse Universe

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



70, 47.072, 258.635



65, 54.172, 266.535



44, 101.339, 299.770



51, 4.111, 241.311



49, 44.798, 268.143



15, 18.964, 260.878

Previews

White Background



This preview shows how the CIELCh color 67, 73.685, 53.918 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 67, 73.685, 53.918 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 67, 73.685, 53.918

Background



This preview shows how black text looks on a background with the CIELCh color 67, 73.685, 53.918.



This preview shows how white text looks on a background with the CIELCh color 67, 73.685, 53.918.

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

67, 73.685, 53.918

Protanopia

67, 52.844, 95.820

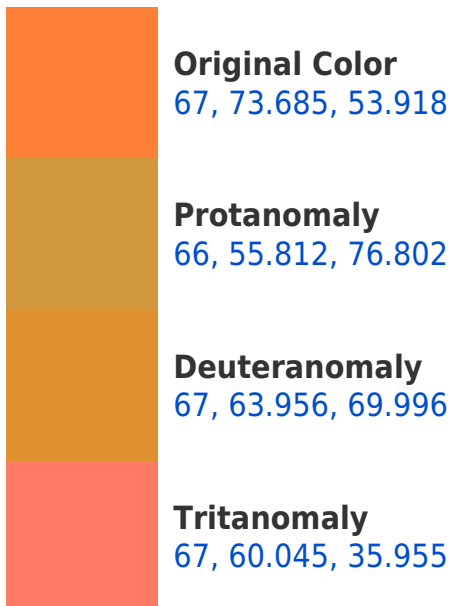
Deuteranopia

67, 61.410, 81.940



Tritanopia
67, 55.521, 21.520

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 73.685, 53.918 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, 128, 54)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 54)  
}
```

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, 128, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 73.685, 53.918 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, 128, 54) }
```

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

```
.border{ border-color:rgb(254, 128, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 128, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 54);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 73.685, 53.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 54) }
```

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

```
.background{ background-color: rgb(254,  
128, 54) }
```

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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