

Converting Colors

CIELCh(67, 64.593, 52.883)

Have a look what the booklet for
CIELCh(67, 64.593, 52.883) contains.

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Color

CIELCh(67, 64.384, 52.719)

Conversions

Conversions Part 1

Format	Color
Hex	F68447
RGB	246, 132, 71
RGB Percent	96%, 52%, 28%
CMY	0.0345, 0.4817, 0.7210
CMYK	0.00, 0.46, 0.71, 0.03
HSL	21°, 91%, 62%
HSV	21°, 71%, 97%
XYZ	47.4902, 36.6320, 10.5550
YIQ	159.1320, 87.5250, 5.1970

Conversions

Conversions Part 2

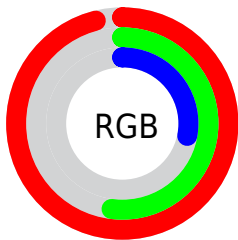
Format	Color
R _Y B	246, 165, 71
Decimal	16155719
CIE Lab	67.00, 39.00, 51.23
CIE LCh	67, 64.384, 52.719
Yxy	36.6320, 0.5016, 0.3869
Android (android.graphics.Color)	4294345799 (0xFFFF68447)
YUV	159.1320, -43.4491, 76.1832
Hunter-Lab	60.5244, 34.1418, 32.0273

Details

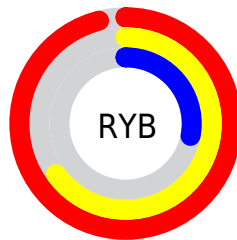
The CIELCh color **67, 64.384, 52.719** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **71, 41.531, 252.055**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 45.708, 66.944**, and **47, 64.579, 52.647** is the 20% darker color. If you saturate the color by 10%, you get **64, 74.842, 52.084**, and if you desaturate by 10%, it is **71, 53.746, 53.231**.

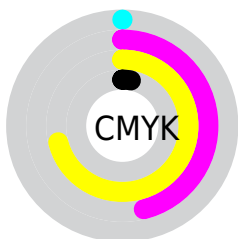
Distribution



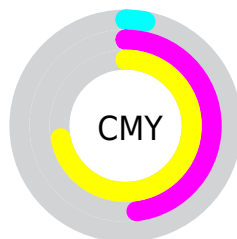
- Red (96%)
- Green (52%)
- Blue (28%)



- Red (96%)
- Yellow (65%)
- Blue (28%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (48%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.384, 52.719 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, 64.384, 52.719 by changing the saturation by 10% instead.

67, 64.384, 52.719

67, 64.384, 52.719

100, 64.384,
52.719

57, 64.384, 52.719

87, 64.384, 52.719

47, 64.384, 52.719

97, 64.384, 52.719

37, 64.384, 52.719

27, 64.384, 52.719

17, 64.384, 52.719

7, 64.384, 52.719

0, 64.384, 52.719

67, 64.384, 52.719

67, 64.384, 52.719

64, 74.842, 52.084

71, 53.746, 53.231

61, 84.040, 50.961

75, 43.450, 53.762

58, 90.233, 49.322

79, 33.708, 54.367

83, 24.586, 55.051

87, 16.084, 55.799

92, 8.164, 56.579

96, 0.775, 56.776

99, 3.047, 199.429

Harmonies

Complementary

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



67, 64.384, 52.719



71, 41.531, 252.055

Rectangle

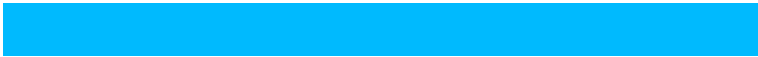
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 64.384, 52.719



67, 64.384, 102.719



67, 64.384, 232.719



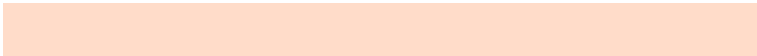
67, 64.384, 282.719

Sweetspot

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



67, 64.382, 52.722



90, 16.469, 55.803



60, 79.487, 342.381



47, 11.259, 55.591



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, 64.382, 52.722



64, 80.943, 51.716



87, 71.828, 94.022



49, 4.138, 56.702



45, 72.695, 49.954



12, 25.510, 46.794

Inverse Universe

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



71, 41.531, 252.055



70, 48.331, 258.107



48, 84.786, 296.192



49, 3.955, 238.578



49, 42.076, 264.643



14, 17.259, 256.612

Previews

White Background



This preview shows how the CIELCh color 67, 64.384, 52.719 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, 64.384, 52.719 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, 64.384, 52.719

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.384, 52.719.



This preview shows how white text looks on a background with the CIELCh color 67, 64.384, 52.719.

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, 64.384, 52.719

Protanopia

67, 44.943, 95.816

Deuteranopia

67, 53.185, 80.603



Tritanopia
67, 51.553, 20.005

Trichromacy



Original Color
67, 64.384, 52.719

Protanomaly
66, 47.922, 75.597

Deuteranomaly
67, 55.643, 68.976

Tritanomaly
67, 54.043, 34.321

Monochromacy



Original Color
67, 64.384, 52.719

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 21.719, 54.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.384, 52.719 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(246, 132, 71)` looks like.

```
.text, #text, p{  
    color:rgb(246, 132, 71)  
}
```

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(246, 132, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 132, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.384, 52.719 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(246, 132, 71) }
```

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

```
.border{ border-color:rgb(246, 132, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 132, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 132, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 132, 71);  
box-shadow:4px 4px 4px 4px rgb(246, 132,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.384, 52.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 132, 71) }
```

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

```
.background{ background-color: rgb(246,  
132, 71) }
```

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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