

Converting Colors

CIELCh(69, 58.429, 42.928)

Have a look what the booklet for
CIELCh(69, 58.429, 42.928) contains.

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Color

CIELCh(69, 58.387, 42.541)

Conversions

Conversions Part 1

Format	Color
Hex	FF8663
RGB	255, 134, 99
RGB Percent	100%, 53%, 39%
CMY	0.0000, 0.4735, 0.6108
CMYK	0.00, 0.47, 0.61, 0.00
HSL	13°, 100%, 69%
HSV	13°, 61%, 100%
XYZ	52.1756, 39.3444, 16.7085
YIQ	166.1890, 83.3510, 14.7670

Conversions

Conversions Part 2

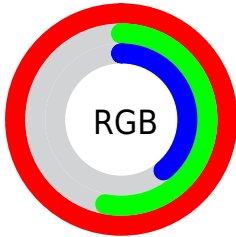
Format	Color
R _Y B	255, 144, 99
Decimal	16746083
CIE Lab	69.00, 43.02, 39.48
CIE LCh	69, 58.387, 42.541
Yxy	39.3444, 0.4821, 0.3635
Android (android.graphics.Color)	4294936163 (0xFFFF8663)
YUV	166.1890, -33.1242, 77.8872
Hunter-Lab	62.7251, 38.7097, 28.1141

Details

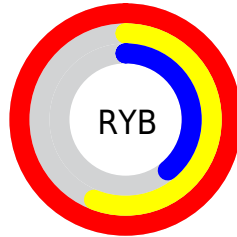
The CIELCh color **69, 58.387, 42.541** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 36.118, 228.805**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 34.678, 56.767**, and **49, 58.450, 42.418** is the 20% darker color. If you saturate the color by 10%, you get **65, 70.045, 43.233**, and if you desaturate by 10%, it is **73, 46.912, 42.101**.

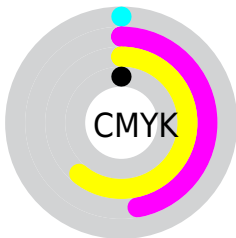
Distribution



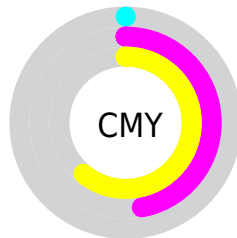
- Red (100%)
- Green (53%)
- Blue (39%)



- Red (100%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (47%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 58.387, 42.541 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, 58.387, 42.541 by changing the saturation by 10% instead.

69, 58.387, 42.541

69, 58.387, 42.541

100, 58.387,
42.541

59, 58.387, 42.541

89, 58.387, 42.541

49, 58.387, 42.541

99, 58.387, 42.541

39, 58.387, 42.541

29, 58.387, 42.541

19, 58.387, 42.541

9, 58.387, 42.541

0, 58.387, 42.541

69, 58.387, 42.541

69, 58.387, 42.541

65, 70.045, 43.233

73, 46.912, 42.101

61, 81.719, 43.924

78, 36.227, 41.832

58, 92.061, 44.228

83, 26.288, 41.752

56, 98.834, 43.803

89, 17.099, 41.822

94, 8.624, 41.991

99, 0.807, 41.568

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, 58.387, 42.541



82, 36.118, 228.805

Rectangle

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



69, 58.387, 42.541



69, 58.387, 92.541



69, 58.387, 222.541



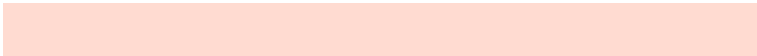
69, 58.387, 272.541

Sweetspot

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



69, 58.261, 42.576



90, 14.413, 41.867



66, 79.314, 335.460



47, 10.137, 41.824



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, 58.261, 42.576



64, 72.317, 43.370



86, 59.905, 86.836



50, 4.396, 42.020



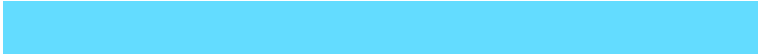
43, 79.130, 44.254



12, 29.614, 38.652

Inverse Universe

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



82, 36.118, 228.805



80, 39.981, 231.782



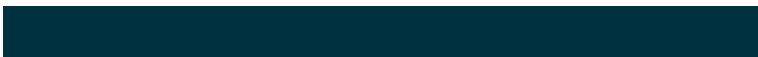
61, 62.882, 287.009



52, 4.147, 222.880



57, 35.984, 241.063



18, 16.267, 235.198

Previews

White Background



This preview shows how the CIELCh color 69, 58.387, 42.541 looks on a white background.

Color Contrast Check

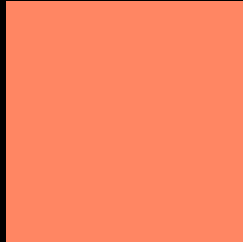
Large Text (above 18pt) WCAG AA × Fail

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, 58.387, 42.541 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, 58.387, 42.541

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.387, 42.541.



This preview shows how white text looks on a background with the CIELCh color 69, 58.387, 42.541.

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, 58.387, 42.541

Protanopia

69, 31.425, 96.052

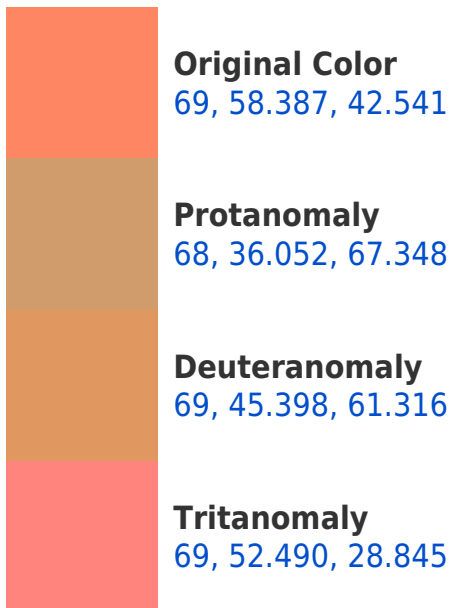
Deuteranopia

69, 41.860, 77.916



Tritanopia
69, 50.891, 20.267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.387, 42.541 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, 134, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 99)  
}
```

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, 134, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.387, 42.541 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, 134, 99) }
```

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

```
.border{ border-color:rgb(255, 134, 99) }
```

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

Here you see how a box with a 4 pixel rgb(255, 134, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.387, 42.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 99) }
```

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

```
.background{ background-color: rgb(255,  
134, 99) }
```

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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