

Converting Colors

CIELCh(72, 68.904, 40.914)

Have a look what the booklet for
CIELCh(72, 68.904, 40.914) contains.

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Color

CIELCh(69, 59.190, 42.861)

Conversions

Conversions Part 1

Format	Color
Hex	FF8662
RGB	255, 134, 98
RGB Percent	100%, 53%, 38%
CMY	0.0000, 0.4750, 0.6165
CMYK	0.00, 0.48, 0.62, 0.00
HSL	14°, 100%, 69%
HSV	14°, 62%, 100%
XYZ	52.3162, 39.3444, 16.3433
YIQ	166.0750, 83.6720, 14.4560

Conversions

Conversions Part 2

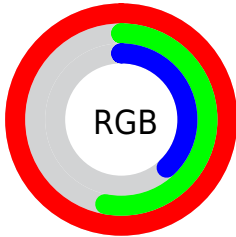
Format	Color
R _Y B	255, 145, 98
Decimal	16746082
CIE Lab	69.00, 43.39, 40.26
CIE LCh	69, 59.190, 42.861
Yxy	39.3444, 0.4844, 0.3643
Android (android.graphics.Color)	4294936162 (0xFFFF8662)
YUV	166.0750, -33.5610, 77.9872
Hunter-Lab	62.7251, 39.1098, 28.4593

Details

The CIELCh color **69, 59.190, 42.861** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 36.330, 229.678**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.042, 57.363**, and **49, 58.771, 42.824** is the 20% darker color. If you saturate the color by 10%, you get **65, 70.544, 43.588**, and if you desaturate by 10%, it is **73, 47.418, 42.526**.

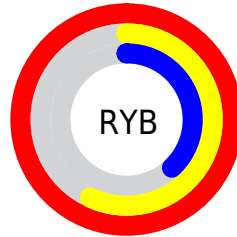
Distribution



Red (100%)

Green (53%)

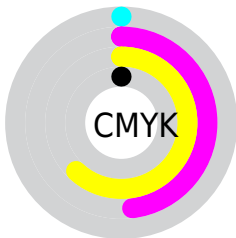
Blue (38%)



Red (100%)

Yellow (57%)

Blue (38%)

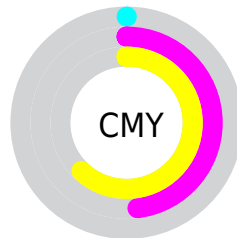


Cyan (0%)

Magenta (48%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 59.190, 42.861 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, 59.190, 42.861 by changing the saturation by 10% instead.

69, 59.190, 42.861

69, 59.190, 42.861

100, 59.190,
42.861

59, 59.190, 42.861

89, 59.190, 42.861

49, 59.190, 42.861

99, 59.190, 42.861

39, 59.190, 42.861

29, 59.190, 42.861

19, 59.190, 42.861

9, 59.190, 42.861

0, 59.190, 42.861

69, 59.190, 42.861

69, 59.190, 42.861

65, 70.544, 43.588

73, 47.418, 42.526

61, 82.162, 44.217

78, 36.720, 42.281

58, 92.356, 44.419

83, 26.764, 42.221

56, 98.632, 43.956

88, 17.557, 42.311

94, 9.064, 42.502

99, 1.228, 42.367

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, 59.190, 42.861



82, 36.330, 229.678

Rectangle

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



69, 59.190, 42.861



69, 59.190, 92.861



69, 59.190, 222.861



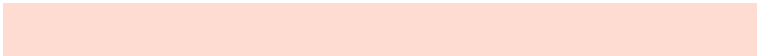
69, 59.190, 272.861

Sweetspot

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



69, 58.773, 42.972



90, 14.381, 42.372



66, 79.868, 335.506



47, 10.114, 42.322



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, 58.773, 42.972



64, 73.325, 43.745



86, 60.426, 86.754



50, 4.386, 42.546



43, 78.964, 44.415



12, 29.547, 38.938

Inverse Universe

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



82, 36.330, 229.678



79, 40.289, 232.891



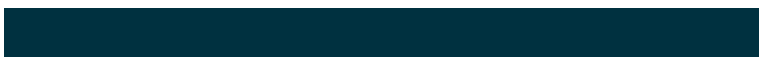
61, 63.512, 287.176



52, 4.139, 223.448



57, 36.125, 242.046



18, 16.300, 236.081

Previews

White Background



This preview shows how the CIELCh color 69, 59.190, 42.861 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, 59.190, 42.861 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, 59.190, 42.861

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.190, 42.861.

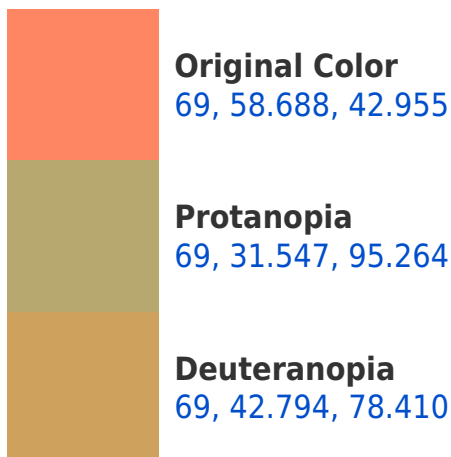


This preview shows how white text looks on a background with the CIELCh color 69, 59.190, 42.861.

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](#).

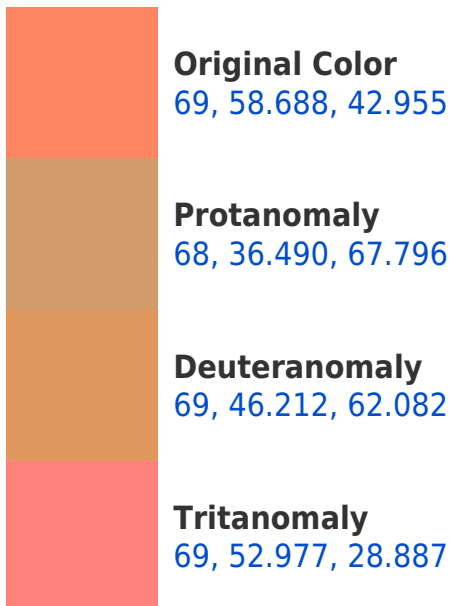
Dichromacy



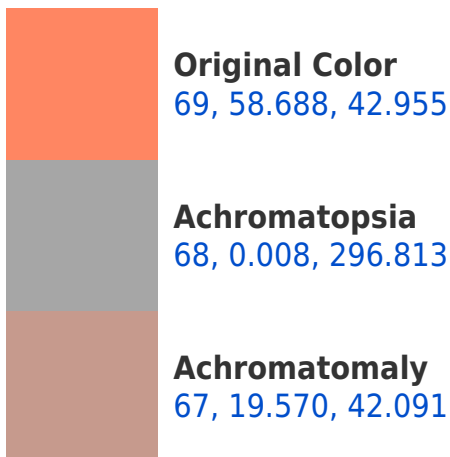


Tritanopia
69, 51.260, 19.797

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.190, 42.861 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.190, 42.861 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, 98) }
```

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

```
.border{ border-color:rgb(255, 134, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.190, 42.861 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, 98) }
```

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

```
.background{ background-color: rgb(255,  
134, 98) }
```

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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