

Converting Colors

CIELCh(74, 51.181, 52.863)

Have a look what the booklet for
CIELCh(74, 51.181, 52.863) contains.

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Color

CIELCh(74, 51.348, 52.834)

Conversions

Conversions Part 1

Format	Color
Hex	FE9E6C
RGB	254, 158, 108
RGB Percent	100%, 62%, 42%
CMY	0.0032, 0.3797, 0.5758
CMYK	0.00, 0.38, 0.57, 0.00
HSL	21°, 99%, 71%
HSV	21°, 57%, 100%
XYZ	55.9140, 46.7039, 20.2993
YIQ	181.0040, 73.2660, 4.8020

Conversions

Conversions Part 2

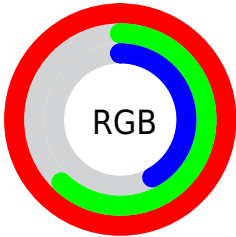
Format	Color
RYB	254, 184, 108
Decimal	16686700
CIELab	74.00, 31.02, 40.92
CIElCh	74, 51.348, 52.834
Yxy	46.7039, 0.4549, 0.3800
Android (android.graphics.Color)	4294876780 (0xFFFE9E6C)
YUV	181.0040, -35.9910, 64.0175
Hunter-Lab	68.3403, 26.4478, 30.2271

Details

The CIELCh color **74, 51.348, 52.834** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 36.094, 246.539**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 32.601, 76.490**, and **54, 51.194, 53.049** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.221, 52.379**, and if you desaturate by 10%, it is **78, 40.935, 53.352**.

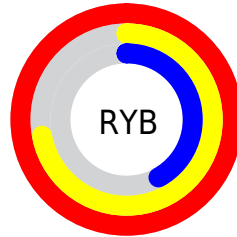
Distribution



Red (100%)

Green (62%)

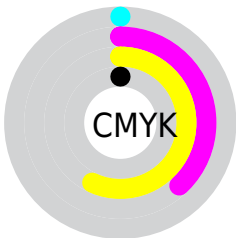
Blue (42%)



Red (100%)

Yellow (72%)

Blue (42%)

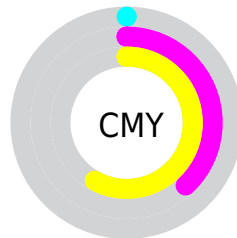


Cyan (0%)

Magenta (38%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 51.348, 52.834 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 74, 51.348, 52.834 by changing the saturation by 10% instead.

74, 51.348, 52.834

74, 51.348, 52.834

100, 51.348,
52.834

64, 51.348, 52.834

94, 51.348, 52.834

54, 51.348, 52.834

44, 51.348, 52.834

34, 51.348, 52.834

24, 51.348, 52.834

14, 51.348, 52.834

4, 51.348, 52.834

0, 51.348, 52.834

74, 51.348, 52.834

74, 51.348, 52.834

70, 62.221, 52.379

78, 40.935, 53.352

67, 73.163, 51.868

82, 31.137, 53.950

63, 83.294, 51.032

87, 21.991, 54.629

60, 91.092, 49.370

92, 13.477, 55.367

60, 92.819, 48.926

96, 5.550, 56.111

100, 0.281,
201.750

Harmonies

Complementary

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



74, 51.348, 52.834



78, 36.094, 246.539

Rectangle

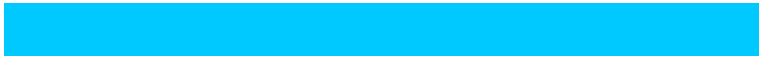
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 51.348, 52.834



74, 51.348, 102.834



74, 51.348, 232.834



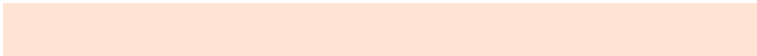
74, 51.348, 282.834

Sweetspot

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



74, 51.347, 52.838



92, 13.142, 55.401



67, 69.919, 340.656



48, 8.855, 55.249



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 51.347, 52.838



70, 64.094, 52.307



91, 61.459, 95.629



51, 4.278, 55.965



46, 74.474, 49.543



14, 28.031, 47.189

Inverse Universe

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



78, 36.094, 246.539



75, 41.535, 250.361



59, 68.668, 292.475



51, 4.085, 237.805



50, 42.499, 263.748



16, 18.204, 256.496

Previews

White Background



This preview shows how the CIELCh color 74, 51.348, 52.834 looks on a white background.

Color Contrast Check

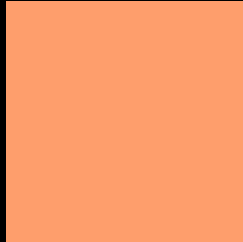
Large Text (above 18pt) WCAG AA × Fail

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 74, 51.348, 52.834 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 74, 51.348, 52.834

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.348, 52.834.



This preview shows how white text looks on a background with the CIELCh color 74, 51.348, 52.834.

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

74, 51.348, 52.834

Protanopia

74, 35.302, 95.747

Deuteranopia

74, 42.878, 77.350



Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 51.348, 52.834

Protanomaly
74, 37.575, 75.988

Deuteranomaly
74, 44.969, 66.970

Tritanomaly
74, 42.342, 31.711

Monochromacy



Original Color
74, 51.348, 52.834

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 17.207, 54.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.348, 52.834 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, 158, 108)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 108)  
}
```

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, 158, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.348, 52.834 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, 158, 108) }
```

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

```
.border{ border-color:rgb(254, 158, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 108);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.348, 52.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 108) }
```

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

```
.background{ background-color: rgb(254,  
158, 108) }
```

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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