

Converting Colors

CIELCh(75, 54.382, 51.887)

Have a look what the booklet for
CIELCh(75, 54.382, 51.887) contains.

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Color

CIELCh(74, 51.989, 53.643)

Conversions

Conversions Part 1

Format	Color
Hex	FE9E6A
RGB	254, 158, 106
RGB Percent	100%, 62%, 42%
CMY	0.0032, 0.3792, 0.5830
CMYK	0.00, 0.38, 0.58, 0.00
HSL	21°, 99%, 71%
HSV	21°, 58%, 100%
XYZ	55.8336, 46.7039, 19.7971
YIQ	180.7760, 73.9080, 4.1800

Conversions

Conversions Part 2

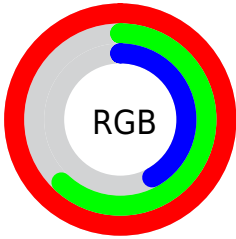
Format	Color
R _Y B	254, 186, 106
Decimal	16686698
CIE Lab	74.00, 30.82, 41.87
CIE LCh	74, 51.989, 53.643
Yxy	46.7039, 0.4564, 0.3818
Android (android.graphics.Color)	4294876778 (0xFFFE9E6A)
YUV	180.7760, -36.8646, 64.2174
Hunter-Lab	68.3403, 26.2379, 30.6628

Details

The CIELCh color **74, 51.989, 53.643** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 36.707, 248.101**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.510, 77.256**, and **54, 51.940, 53.814** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.819, 53.118**, and if you desaturate by 10%, it is **78, 41.585, 54.217**.

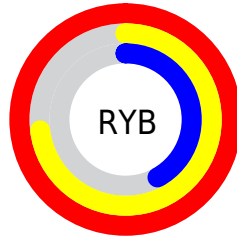
Distribution



Red (100%)

Green (62%)

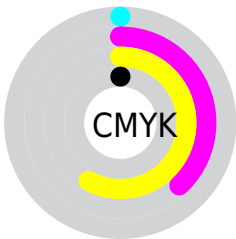
Blue (42%)



Red (100%)

Yellow (73%)

Blue (42%)

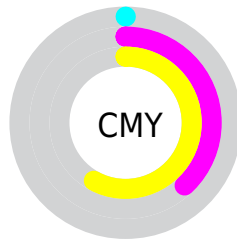


Cyan (0%)

Magenta (38%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 51.989, 53.643 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, 51.989, 53.643 by changing the saturation by 10% instead.

74, 51.989, 53.643

74, 51.989, 53.643

100, 51.989,
53.643

64, 51.989, 53.643

94, 51.989, 53.643

54, 51.989, 53.643

44, 51.989, 53.643

34, 51.989, 53.643

24, 51.989, 53.643

14, 51.989, 53.643

4, 51.989, 53.643

0, 51.989, 53.643

74, 51.989, 53.643

74, 51.989, 53.643

70, 62.819, 53.118

78, 41.585, 54.217

67, 73.660, 52.514

82, 31.778, 54.864

63, 83.583, 51.548

87, 22.610, 55.584

61, 91.115, 49.749

91, 14.067, 56.361

60, 92.349, 49.422

96, 6.104, 57.147

100, 0.285,
201.717

Harmonies

Complementary

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



74, 51.989, 53.643



78, 36.707, 248.101

Rectangle

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



74, 51.989, 53.643



74, 51.989, 103.643



74, 51.989, 233.643



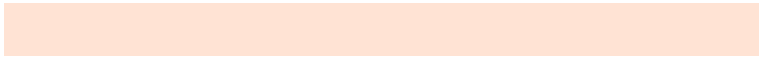
74, 51.989, 283.643

Sweetspot

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



74, 51.988, 53.647



92, 13.142, 56.454



66, 69.903, 341.612



48, 8.854, 56.294



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, 51.988, 53.647



70, 64.995, 53.018



92, 62.981, 96.595



51, 4.280, 57.046



46, 74.104, 50.049



14, 27.931, 47.939

Inverse Universe

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



78, 36.707, 248.101



74, 42.364, 252.135



58, 71.110, 293.451



51, 4.092, 238.949



50, 43.218, 265.217



15, 18.439, 257.951

Previews

White Background



This preview shows how the CIELCh color 74, 51.989, 53.643 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, 51.989, 53.643 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, 51.989, 53.643

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.989, 53.643.



This preview shows how white text looks on a background with the CIELCh color 74, 51.989, 53.643.

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, 52.065, 53.631

Protanopia

74, 36.406, 95.271

Deuteranopia

74, 43.801, 77.848

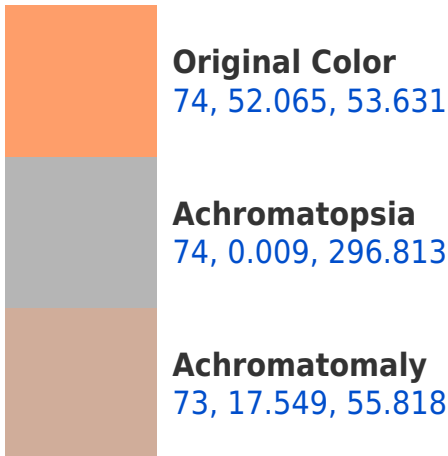


Tritanopia
74, 40.809, 16.036

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.989, 53.643 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.989, 53.643 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, 106) }
```

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

```
.border{ border-color:rgb(254, 158, 106) }
```

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, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.989, 53.643 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, 106) }
```

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

```
.background{ background-color: rgb(254,  
158, 106) }
```

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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