

Converting Colors

CIELCh(76, 59.648, 53.096)

Have a look what the booklet for
CIELCh(76, 59.648, 53.096) contains.

CIELCh(74, 54.186, 55.877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 54.186, 55.877)

Conversions

Conversions Part 1

Format	Color
Hex	FE9F65
RGB	254, 159, 101
RGB Percent	100%, 62%, 40%
CMY	0.0023, 0.3784, 0.6058
CMYK	0.00, 0.38, 0.60, 0.00
HSL	23°, 99%, 70%
HSV	23°, 60%, 100%
XYZ	55.6645, 46.7039, 18.2716
YIQ	180.7930, 75.2380, 2.1020

Conversions

Conversions Part 2

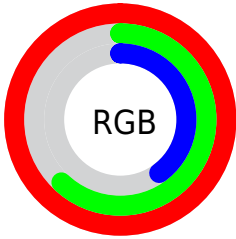
Format	Color
RYB	254, 194, 101
Decimal	16686949
CIELab	74.00, 30.40, 44.86
CIELCh	74, 54.186, 55.877
Yxy	46.7039, 0.4614, 0.3871
Android (android.graphics.Color)	4294877029 (0xFFFE9F65)
YUV	180.7930, -39.3379, 64.2025
Hunter-Lab	68.3403, 25.7964, 31.9863

Details

The CIELCh color **74, 54.186, 55.877** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 38.788, 252.553**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 36.023, 79.877**, and **54, 53.698, 56.195** is the 20% darker color. If you saturate the color by 10%, you get **70, 64.885, 55.153**, and if you desaturate by 10%, it is **78, 43.798, 56.608**.

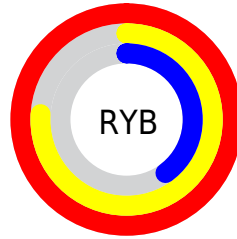
Distribution



Red (100%)

Green (62%)

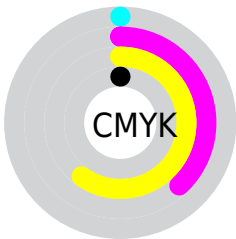
Blue (40%)



Red (100%)

Yellow (76%)

Blue (40%)

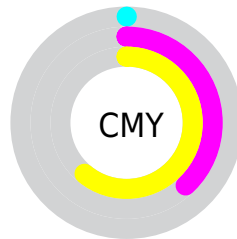


Cyan (0%)

Magenta (38%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 54.186, 55.877 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, 54.186, 55.877 by changing the saturation by 10% instead.

74, 54.186, 55.877

74, 54.186, 55.877

100, 54.186,
55.877

64, 54.186, 55.877

94, 54.186, 55.877

54, 54.186, 55.877

44, 54.186, 55.877

34, 54.186, 55.877

24, 54.186, 55.877

14, 54.186, 55.877

4, 54.186, 55.877

0, 54.186, 55.877

74, 54.186, 55.877

74, 54.186, 55.877

70, 64.885, 55.153

78, 43.798, 56.608

67, 75.380, 54.277

82, 33.941, 57.384

64, 84.598, 52.919

86, 24.684, 58.218

61, 91.108, 50.899

91, 16.026, 59.099

95, 7.931, 59.994

100, 0.351, 59.443

100, 0.201,
202.688

Harmonies

Complementary

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



74, 54.186, 55.877



76, 38.788, 252.553

Rectangle

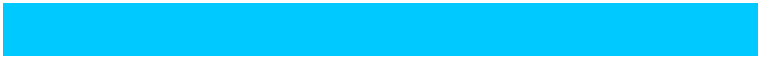
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 54.186, 55.877



74, 54.186, 105.877



74, 54.186, 235.877



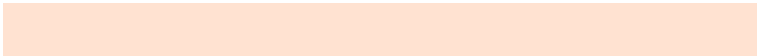
74, 54.186, 285.877

Sweetspot

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



74, 54.185, 55.881



92, 13.987, 59.322



65, 71.440, 342.809



48, 9.816, 59.060



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, 54.185, 55.881



70, 67.698, 54.955



92, 66.122, 97.359



51, 4.293, 60.079



47, 73.072, 51.554



14, 27.670, 50.116

Inverse Universe

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



76, 38.788, 252.553



72, 45.037, 257.160



56, 75.892, 294.805



51, 4.119, 242.142



48, 45.384, 269.139



15, 19.161, 261.883

Previews

White Background



This preview shows how the CIELCh color 74, 54.186, 55.877 looks on a white background.

Color Contrast Check

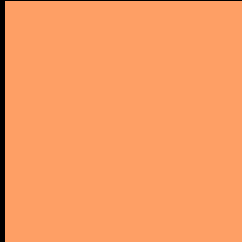
Large Text (above 18pt) WCAG AA × Fail

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, 54.186, 55.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

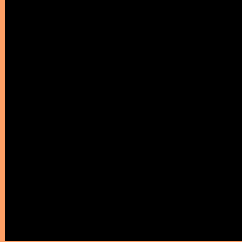
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 54.186, 55.877

Background



This preview shows how black text looks on a background with the CIELCh color 74, 54.186, 55.877.



This preview shows how white text looks on a background with the CIELCh color 74, 54.186, 55.877.

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



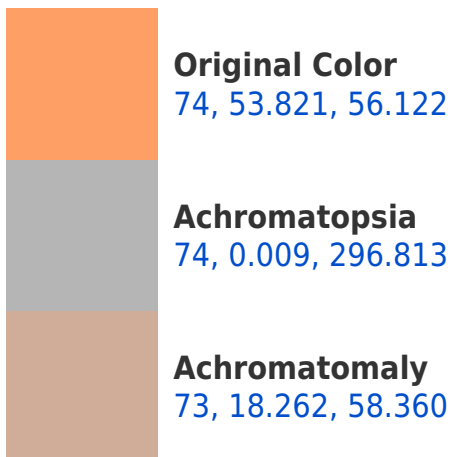


Tritanopia
74, 40.809, 16.036

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 54.186, 55.877 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, 159, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 101)  
}
```

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, 159, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 54.186, 55.877 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, 159, 101) }
```

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

```
.border{ border-color:rgb(254, 159, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 54.186, 55.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 101) }
```

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

```
.background{ background-color: rgb(254,  
159, 101) }
```

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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