

Converting Colors

CIELCh(74, 53.515, 54.771)

Have a look what the booklet for
CIELCh(74, 53.515, 54.771) contains.

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Color

CIELCh(74, 53.528, 54.540)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E67
RGB	255, 158, 103
RGB Percent	100%, 62%, 40%
CMY	0.0000, 0.3803, 0.5960
CMYK	0.00, 0.38, 0.60, 0.00
HSL	22°, 100%, 70%
HSV	22°, 60%, 100%
XYZ	55.9271, 46.7039, 18.9036
YIQ	180.7330, 75.4670, 3.4590

Conversions

Conversions Part 2

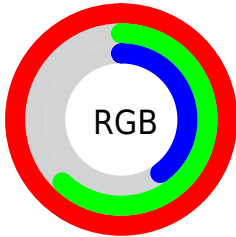
Format	Color
RYB	255, 189, 103
Decimal	16752231
CIELab	74.00, 31.05, 43.60
CIELCh	74, 53.528, 54.540
Yxy	46.7039, 0.4602, 0.3843
Android (android.graphics.Color)	4294942311 (0xFFFF9E67)
YUV	180.7330, -38.3224, 65.1322
Hunter-Lab	68.3403, 26.4821, 31.4380

Details

The CIELCh color **74, 53.528, 54.540** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 37.860, 250.104**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 34.882, 78.319**, and **54, 53.454, 54.657** is the 20% darker color. If you saturate the color by 10%, you get **70, 64.337, 53.936**, and if you desaturate by 10%, it is **78, 43.072, 55.182**.

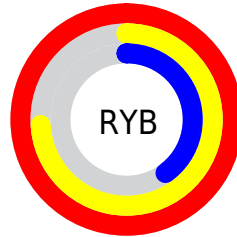
Distribution



Red (100%)

Green (62%)

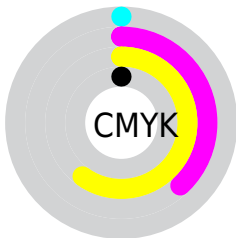
Blue (40%)



Red (100%)

Yellow (74%)

Blue (40%)

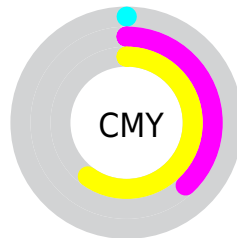


Cyan (0%)

Magenta (38%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 53.528, 54.540 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, 53.528, 54.540 by changing the saturation by 10% instead.

 74, 53.528, 54.540

 74, 53.528, 54.540

 100, 53.528,
54.540

 64, 53.528, 54.540

 94, 53.528, 54.540

 54, 53.528, 54.540

 44, 53.528, 54.540

 34, 53.528, 54.540

 24, 53.528, 54.540

 14, 53.528, 54.540

 4, 53.528, 54.540

 0, 53.528, 54.540

 74, 53.528, 54.540

 74, 53.528, 54.540

70, 64.337, 53.936

78, 43.072, 55.182

67, 75.047, 53.210

82, 33.191, 55.879

64, 84.627, 52.050

87, 23.936, 56.644

61, 91.767, 50.086

91, 15.297, 57.463

61, 92.036, 50.014

96, 7.237, 58.298

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.



74, 53.528, 54.540



77, 37.860, 250.104

Rectangle

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



74, 53.528, 54.540



74, 53.528, 104.540



74, 53.528, 234.540



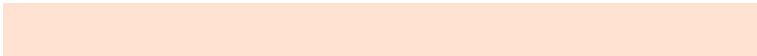
74, 53.528, 284.540

Sweetspot

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



74, 53.519, 54.549



92, 13.970, 57.597



66, 71.459, 341.790



48, 9.807, 57.354



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, 53.519, 54.549



69, 66.944, 53.781



92, 64.533, 96.430



51, 4.284, 58.306



46, 73.674, 50.659



14, 27.818, 48.829

Inverse Universe

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



77, 37.860, 250.104



73, 43.764, 254.525



57, 73.248, 293.824



51, 4.102, 240.277



49, 44.091, 266.881



15, 18.728, 259.610

Previews

White Background



This preview shows how the CIELCh color 74, 53.528, 54.540 looks on a white background.

Color Contrast Check

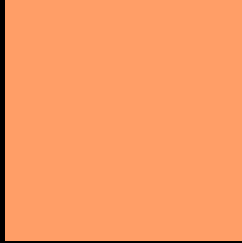
Large Text (above 18pt) WCAG AA × Fail

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, 53.528, 54.540 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, 53.528, 54.540

Background



This preview shows how black text looks on a background with the CIELCh color 74, 53.528, 54.540.



This preview shows how white text looks on a background with the CIELCh color 74, 53.528, 54.540.

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, 53.528, 54.540

Protanopia

74, 37.920, 95.538

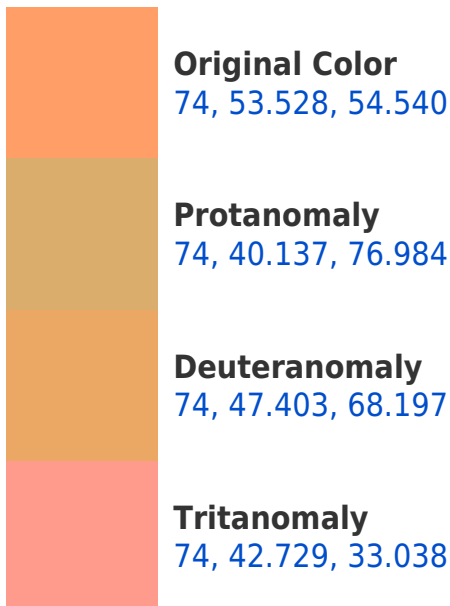
Deuteranopia

74, 45.411, 78.069

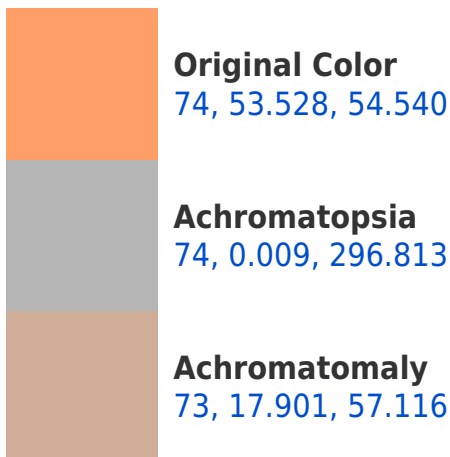


Tritanopia
74, 40.809, 16.036

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 53.528, 54.540 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, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 103)  
}
```

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, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 53.528, 54.540 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, 158, 103) }
```

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

```
.border{ border-color:rgb(255, 158, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 53.528, 54.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 103) }
```

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

```
.background{ background-color: rgb(255,  
158, 103) }
```

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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