

Converting Colors

CIELCh(84, 80.545, 44.770)

Have a look what the booklet for
CIELCh(84, 80.545, 44.770) contains.

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Color

CIELCh(74, 52.634, 55.044)

Conversions

Conversions Part 1

Format	Color
Hex	FE9F68
RGB	254, 159, 104
RGB Percent	100%, 62%, 41%
CMY	0.0056, 0.3774, 0.5928
CMYK	0.00, 0.37, 0.59, 0.01
HSL	22°, 98%, 70%
HSV	22°, 59%, 99%
XYZ	55.5687, 46.7039, 19.1390
YIQ	181.1350, 74.2750, 3.0350

Conversions

Conversions Part 2

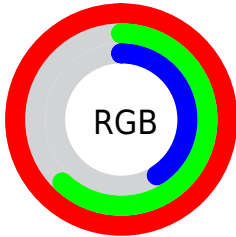
Format	Color
R_{YB}	254, 191, 104
Decimal	16686952
CIE _{Lab}	74.00, 30.16, 43.14
CIE _{LCh}	74, 52.634, 55.044
Yxy	46.7039, 0.4577, 0.3847
Android (android.graphics.Color)	4294877032 (0xFFFE9F68)
YUV	181.1350, -38.0276, 63.9026
Hunter-Lab	68.3403, 25.5460, 31.2338

Details

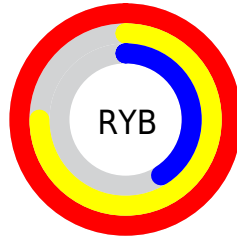
The CIELCh color **74, 52.634, 55.044** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 37.583, 250.650**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 34.636, 78.920**, and **54, 52.573, 55.172** is the 20% darker color. If you saturate the color by 10%, you get **70, 63.354, 54.400**, and if you desaturate by 10%, it is **78, 42.288, 55.716**.

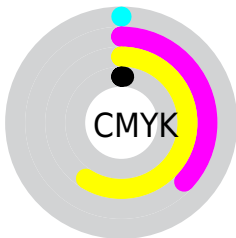
Distribution



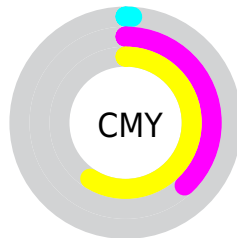
- Red (100%)
- Green (62%)
- Blue (41%)



- Red (100%)
- Yellow (75%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (38%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 52.634, 55.044 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, 52.634, 55.044 by changing the saturation by 10% instead.

 74, 52.634, 55.044

 74, 52.634, 55.044

 100, 52.634,
55.044

 64, 52.634, 55.044

 94, 52.634, 55.044

 54, 52.634, 55.044

 44, 52.634, 55.044

 34, 52.634, 55.044

 24, 52.634, 55.044

 14, 52.634, 55.044

 4, 52.634, 55.044

 0, 52.634, 55.044

 74, 52.634, 55.044

 74, 52.634, 55.044

70, 63.354, 54.400

78, 42.288, 55.716

67, 73.996, 53.643

82, 32.505, 56.445

64, 83.581, 52.476

86, 23.338, 57.239

61, 90.753, 50.490

91, 14.777, 58.081

61, 91.383, 50.313

95, 6.784, 58.934

100, 0.493,
200.719

Harmonies

Complementary

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



74, 52.634, 55.044



77, 37.583, 250.650

Rectangle

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



74, 52.634, 55.044



74, 52.634, 105.044



74, 52.634, 235.044



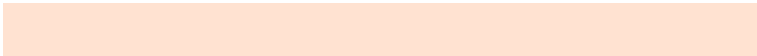
74, 52.634, 285.044

Sweetspot

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



74, 52.633, 55.048



92, 13.974, 58.171



66, 69.913, 342.620



48, 9.809, 57.922



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, 52.633, 55.048



70, 65.755, 54.266



92, 64.567, 97.519



51, 4.287, 58.896



46, 73.473, 50.952



14, 27.768, 49.254

Inverse Universe

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



77, 37.583, 250.650



73, 43.565, 254.879



57, 73.695, 294.433



51, 4.107, 240.899



49, 44.514, 267.644



15, 18.869, 260.375

Previews

White Background



This preview shows how the CIELCh color 74, 52.634, 55.044 looks on a white background.

Color Contrast Check

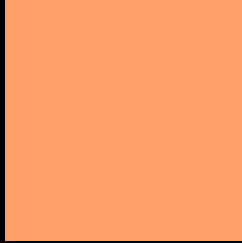
Large Text (above 18pt) WCAG AA × Fail

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, 52.634, 55.044 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, 52.634, 55.044

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.634, 55.044.



This preview shows how white text looks on a background with the CIELCh color 74, 52.634, 55.044.

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, 52.710, 55.030

Protanopia

74, 37.417, 95.453

Deuteranopia

74, 44.952, 77.840



Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 52.710, 55.030

Protanomaly
74, 39.858, 77.542

Deuteranomaly
74, 46.677, 68.280

Tritanomaly
74, 42.118, 32.436

Monochromacy



Original Color
74, 52.710, 55.030

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 17.572, 57.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.634, 55.044 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.634, 55.044 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, 104) }
```

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

```
.border{ border-color:rgb(254, 159, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.634, 55.044 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, 104) }
```

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

```
.background{ background-color: rgb(254,  
159, 104) }
```

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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