

Converting Colors

CIELCh(70, 54.505, 44.533)

Have a look what the booklet for
CIELCh(70, 54.505, 44.533) contains.

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Color

CIELCh(70, 54.294, 44.531)

Conversions

Conversions Part 1

Format	Color
Hex	FC8D68
RGB	252, 141, 104
RGB Percent	99%, 55%, 41%
CMY	0.0117, 0.4470, 0.5921
CMYK	0.00, 0.44, 0.59, 0.01
HSL	15°, 96%, 70%
HSV	15°, 59%, 99%
XYZ	52.1739, 40.7494, 18.2143
YIQ	169.9710, 78.0330, 12.0250

Conversions

Conversions Part 2

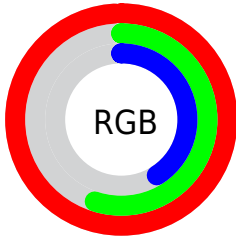
Format	Color
R _Y B	252, 153, 104
Decimal	16551272
CIE Lab	70.00, 38.70, 38.08
CIE LCh	70, 54.294, 44.531
Yxy	40.7494, 0.4695, 0.3667
Android (android.graphics.Color)	4294741352 (0xFFFC8D68)
YUV	169.9710, -32.5237, 71.9394
Hunter-Lab	63.8353, 34.1802, 27.7673

Details

The CIELCh color **70, 54.294, 44.531** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 34.922, 232.347**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 32.429, 60.443**, and **50, 54.269, 44.528** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.748, 44.907**, and if you desaturate by 10%, it is **74, 43.344, 44.321**.

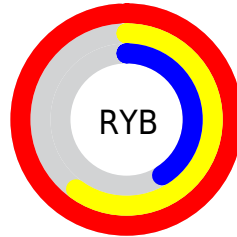
Distribution



Red (99%)

Green (55%)

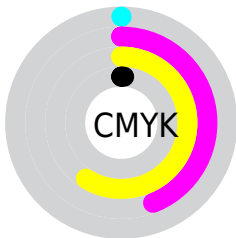
Blue (41%)



Red (99%)

Yellow (60%)

Blue (41%)

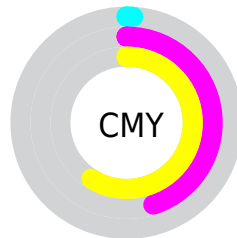


Cyan (0%)

Magenta (44%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (45%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 54.294, 44.531 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 70, 54.294, 44.531 by changing the saturation by 10% instead.

 70, 54.294, 44.531

 70, 54.294, 44.531

 100, 54.294,
44.531

 60, 54.294, 44.531

 90, 54.294, 44.531

 50, 54.294, 44.531

 40, 54.294, 44.531

 30, 54.294, 44.531

 20, 54.294, 44.531

 10, 54.294, 44.531

 0, 54.294, 44.531

 70, 54.294, 44.531

 70, 54.294, 44.531

 66, 65.748, 44.907

 74, 43.344, 44.321

62, 77.277, 45.328

79, 33.077, 44.284

59, 87.887, 45.468

84, 23.543, 44.403

57, 95.894, 44.774

89, 14.729, 44.645

56, 96.803, 44.705

94, 6.592, 44.953

100, 0.886,
219.789

100, 1.039,
199.977

Harmonies

Complementary

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



70, 54.294, 44.531



81, 34.922, 232.347

Rectangle

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



70, 54.294, 44.531



70, 54.294, 94.531



70, 54.294, 224.531



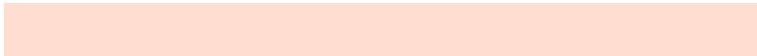
70, 54.294, 274.531

Sweetspot

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



70, 54.292, 44.535



90, 14.251, 44.666



66, 74.550, 336.742



47, 10.021, 44.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 54.292, 44.535



66, 67.878, 44.964



87, 58.484, 89.718



49, 4.277, 44.931



43, 77.394, 45.208



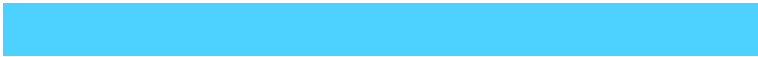
12, 28.007, 39.698

Inverse Universe

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



81, 34.922, 232.347



79, 39.347, 235.314



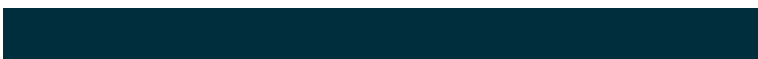
61, 62.525, 288.356



50, 4.043, 226.017



55, 36.500, 246.332



17, 16.037, 239.659

Previews

White Background



This preview shows how the CIELCh color 70, 54.294, 44.531 looks on a white background.

Color Contrast Check

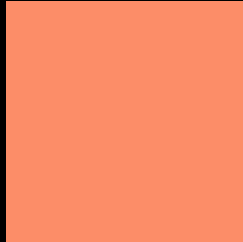
Large Text (above 18pt) WCAG AA × Fail

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 70, 54.294, 44.531 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 70, 54.294, 44.531

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.294, 44.531.



This preview shows how white text looks on a background with the CIELCh color 70, 54.294, 44.531.

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](#).

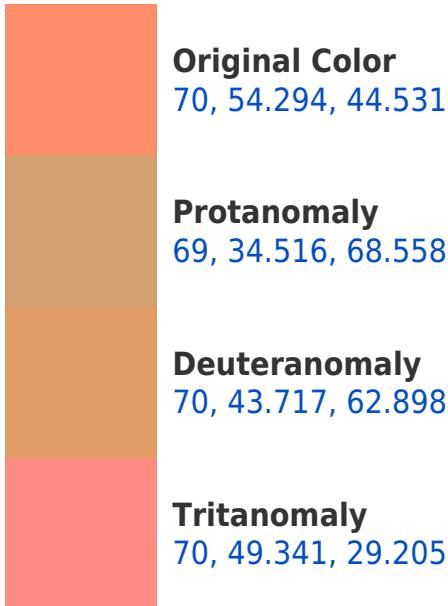
Dichromacy



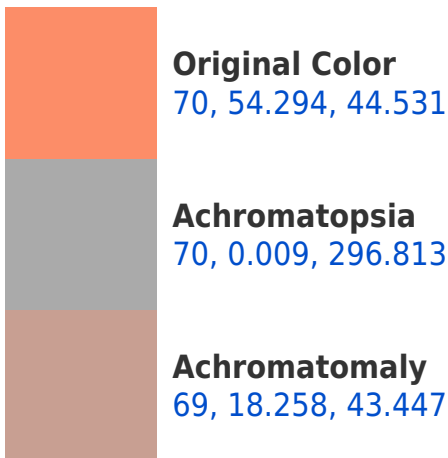


Tritanopia
70, 48.512, 19.020

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.294, 44.531 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(252, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(252, 141, 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(252, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 141, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.294, 44.531 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(252, 141, 104) }
```

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

```
.border{ border-color:rgb(252, 141, 104) }
```

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

Here you see how a box with a 4 pixel rgb(252, 141, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(252, 141,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.294, 44.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 141, 104) }
```

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

```
.background{ background-color: rgb(252,  
141, 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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