

Converting Colors

CIELCh(70, 54.592, 39.222)

Have a look what the booklet for
CIELCh(70, 54.592, 39.222) contains.

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Color

CIELCh(70, 54.094, 39.292)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A6F
RGB	255, 138, 111
RGB Percent	100%, 54%, 44%
CMY	0.0000, 0.4576, 0.5636
CMYK	0.00, 0.46, 0.56, 0.00
HSL	11°, 100%, 72%
HSV	11°, 56%, 100%
XYZ	53.3916, 40.7494, 20.1748
YIQ	169.9050, 78.3990, 16.4070

Conversions

Conversions Part 2

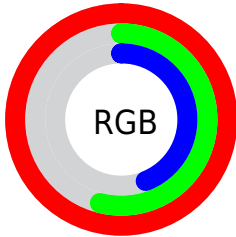
Format	Color
R _Y B	255, 144, 111
Decimal	16747119
CIE Lab	70.00, 41.86, 34.26
CIE LCh	70, 54.094, 39.292
Yxy	40.7494, 0.4671, 0.3565
Android (android.graphics.Color)	4294937199 (0xFFFF8A6F)
YUV	169.9050, -29.0402, 74.6283
Hunter-Lab	63.8353, 37.5849, 25.9464

Details

The CIELCh color **70, 54.094, 39.292** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **85, 34.504, 222.103**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 30.007, 52.274**, and **50, 54.235, 38.906** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.761, 40.265**, and if you desaturate by 10%, it is **75, 42.671, 38.646**.

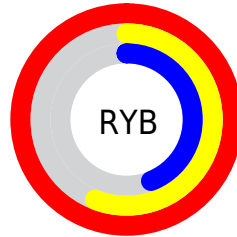
Distribution



Red (100%)

Green (54%)

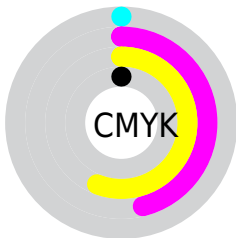
Blue (44%)



Red (100%)

Yellow (56%)

Blue (44%)

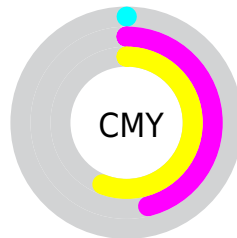


Cyan (0%)

Magenta (46%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 54.094, 39.292 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, 54.094, 39.292 by changing the saturation by 10% instead.

 70, 54.094, 39.292

 70, 54.094, 39.292

 100, 54.094,
39.292

 60, 54.094, 39.292

 90, 54.094, 39.292

 50, 54.094, 39.292

 40, 54.094, 39.292

 30, 54.094, 39.292

 20, 54.094, 39.292

 10, 54.094, 39.292

 0, 54.094, 39.292

 70, 54.094, 39.292

 70, 54.094, 39.292

 66, 65.761, 40.265

 75, 42.671, 38.646

62, 77.747, 41.390

80, 32.111, 38.208

59, 89.042, 42.427

85, 22.315, 37.973

56, 97.837, 42.701

91, 13.275, 37.894

55, 100.348,
42.701

96, 4.948, 37.879

100, 0.012,
296.813

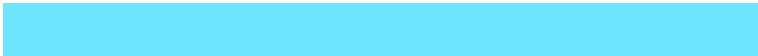
Harmonies

Complementary

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



70, 54.094, 39.292



85, 34.504, 222.103

Rectangle

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



70, 54.094, 39.292



70, 54.094, 89.292



70, 54.094, 219.292



70, 54.094, 269.292

Sweetspot

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



70, 53.943, 39.327



90, 13.836, 37.896



68, 76.080, 333.695



47, 9.333, 37.903



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, 53.943, 39.327



65, 67.735, 40.441



86, 54.229, 84.863



50, 4.484, 37.891



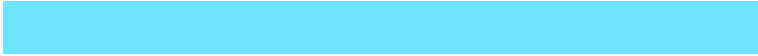
42, 80.384, 43.090



12, 30.156, 36.502

Inverse Universe

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



85, 34.504, 222.103



83, 38.601, 224.186



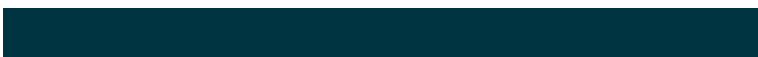
65, 54.996, 283.397



52, 4.222, 218.414



59, 35.219, 233.058



19, 16.134, 228.103

Previews

White Background



This preview shows how the CIELCh color 70, 54.094, 39.292 looks on a white background.

Color Contrast Check

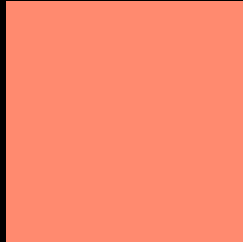
Large Text (above 18pt) WCAG AA × Fail

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, 54.094, 39.292 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, 54.094, 39.292

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.094, 39.292.

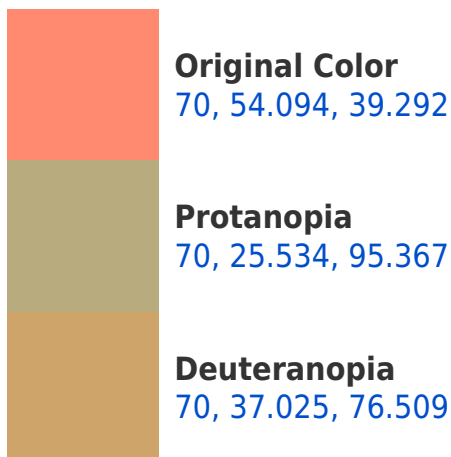


This preview shows how white text looks on a background with the CIELCh color 70, 54.094, 39.292.

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](#).

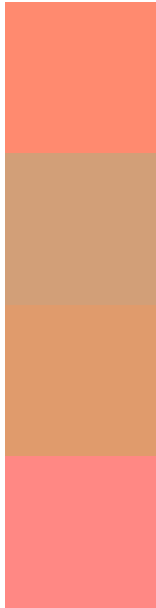
Dichromacy





Tritanopia
70, 48.969, 19.149

Trichromacy



Original Color
70, 54.094, 39.292

Protanomaly
69, 31.011, 63.186

Deuteranomaly
70, 40.540, 59.394

Tritanomaly
70, 50.047, 26.948

Monochromacy



Original Color
70, 54.094, 39.292

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 18.167, 36.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.094, 39.292 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, 138, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 111)  
}
```

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, 138, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.094, 39.292 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, 138, 111) }
```

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

```
.border{ border-color:rgb(255, 138, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 138, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 138, 111); box-shadow:4px 4px 4px 4px rgb(255, 138, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.094, 39.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 111) }
```

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

```
.background{ background-color: rgb(255,  
138, 111) }
```

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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