

Converting Colors

CIELCh(70, 56.116, 44.567)

Have a look what the booklet for
CIELCh(70, 56.116, 44.567) contains.

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Color

CIELCh(70, 55.910, 44.566)

Conversions

Conversions Part 1

Format	Color
Hex	FE8C66
RGB	254, 140, 102
RGB Percent	100%, 55%, 40%
CMY	0.0042, 0.4512, 0.6002
CMYK	0.00, 0.45, 0.60, 0.00
HSL	15°, 99%, 70%
HSV	15°, 60%, 100%
XYZ	52.6064, 40.7494, 17.6463
YIQ	169.7540, 80.1420, 12.3500

Conversions

Conversions Part 2

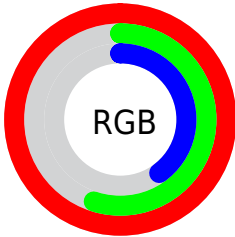
Format	Color
RYB	254, 153, 102
Decimal	16682086
CIELab	70.00, 39.83, 39.23
CIElCh	70, 55.910, 44.566
Yxy	40.7494, 0.4739, 0.3671
Android (android.graphics.Color)	4294872166 (0xFFFE8C66)
YUV	169.7540, -33.4027, 73.8837
Hunter-Lab	63.8353, 35.3895, 28.2949

Details

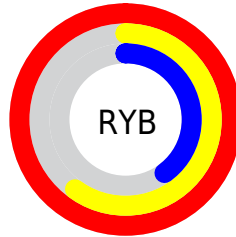
The CIELCh color **70, 55.910, 44.566** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 35.586, 232.612**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 33.173, 60.571**, and **50, 55.564, 44.727** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.472, 44.956**, and if you desaturate by 10%, it is **74, 44.821, 44.336**.

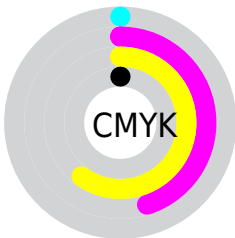
Distribution



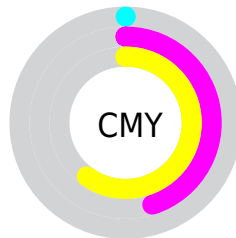
- Red (100%)
- Green (55%)
- Blue (40%)



- Red (100%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 55.910, 44.566 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, 55.910, 44.566 by changing the saturation by 10% instead.

 70, 55.910, 44.566

 70, 55.910, 44.566

 100, 55.910,
44.566

 60, 55.910, 44.566

 90, 55.910, 44.566

 50, 55.910, 44.566

 40, 55.910, 44.566

 30, 55.910, 44.566

 20, 55.910, 44.566

 10, 55.910, 44.566

 0, 55.910, 44.566

 70, 55.910, 44.566

 70, 55.910, 44.566

 66, 67.472, 44.956

 74, 44.821, 44.336

62, 79.031, 45.368

79, 34.409, 44.279

59, 89.493, 45.438

84, 24.732, 44.382

57, 97.268, 44.700

89, 15.784, 44.612

57, 97.372, 44.694

94, 7.523, 44.919

100, 0.111,
231.125

100, 0.376,
201.146

Harmonies

Complementary

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



70, 55.910, 44.566



81, 35.586, 232.612

Rectangle

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



70, 55.910, 44.566



70, 55.910, 94.566



70, 55.910, 224.566



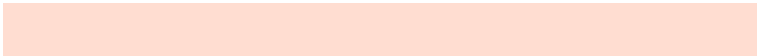
70, 55.910, 274.566

Sweetspot

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



70, 55.908, 44.570



90, 14.251, 44.665



66, 76.131, 336.847



47, 10.021, 44.583



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, 55.908, 44.570



65, 70.221, 45.051



88, 59.900, 89.559



50, 4.349, 44.929



43, 78.198, 45.181



12, 29.248, 40.268

Inverse Universe

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



81, 35.586, 232.612



79, 39.968, 235.921



61, 64.230, 288.681



51, 4.111, 226.017



56, 36.876, 246.378



18, 16.491, 240.011

Previews

White Background



This preview shows how the CIELCh color 70, 55.910, 44.566 looks on a white background.

Color Contrast Check

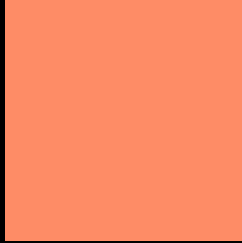
Large Text (above 18pt) WCAG AA × Fail

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, 55.910, 44.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

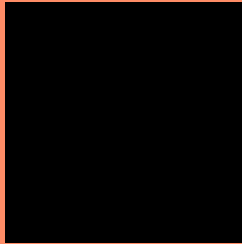
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 55.910, 44.566

Background



This preview shows how black text looks on a background with the CIELCh color 70, 55.910, 44.566.



This preview shows how white text looks on a background with the CIELCh color 70, 55.910, 44.566.

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

70, 55.910, 44.566

Protanopia

70, 31.454, 95.336

Deuteranopia

70, 41.718, 78.022



Tritanopia
70, 48.893, 18.526

Trichromacy



Original Color
70, 55.910, 44.566

Protanomaly
70, 35.694, 68.934

Deuteranomaly
70, 44.527, 62.889

Tritanomaly
70, 50.242, 29.231

Monochromacy



Original Color
70, 55.910, 44.566

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 18.906, 44.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 55.910, 44.566 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, 140, 102)` looks like.

```
.text, #text, p{  
    color:rgb(254, 140, 102)  
}
```

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, 140, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 140, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 55.910, 44.566 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, 140, 102) }
```

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

```
.border{ border-color:rgb(254, 140, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 140, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 140, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 140, 102);  
box-shadow:4px 4px 4px 4px rgb(254, 140,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 55.910, 44.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 140, 102) }
```

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

```
.background{ background-color: rgb(254,  
140, 102) }
```

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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