

Converting Colors

CIELCh(69, 56.163, 41.871)

Have a look what the booklet for
CIELCh(69, 56.163, 41.871) contains.

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Color

CIELCh(69, 55.969, 42.081)

Conversions

Conversions Part 1

Format	Color
Hex	FD8867
RGB	253, 136, 103
RGB Percent	99%, 53%, 40%
CMY	0.0090, 0.4676, 0.5970
CMYK	0.00, 0.46, 0.59, 0.01
HSL	13°, 97%, 70%
HSV	13°, 59%, 99%
XYZ	51.6121, 39.3444, 17.6464
YIQ	167.2210, 80.3250, 14.5410

Conversions

Conversions Part 2

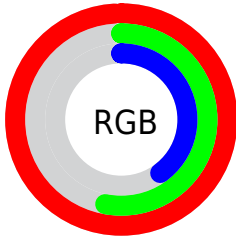
Format	Color
R _Y B	253, 145, 103
Decimal	16615527
CIE Lab	69.00, 41.54, 37.51
CIE LCh	69, 55.969, 42.081
Yxy	39.3444, 0.4752, 0.3623
Android (android.graphics.Color)	4294805607 (0xFFFD8867)
YUV	167.2210, -31.6610, 75.2282
Hunter-Lab	62.7251, 37.1062, 27.2276

Details

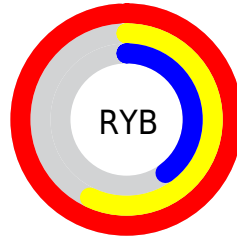
The CIELCh color **69, 55.969, 42.081** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 35.206, 227.650**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 32.830, 55.701**, and **49, 55.875, 41.844** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.642, 42.763**, and if you desaturate by 10%, it is **74, 44.778, 41.604**.

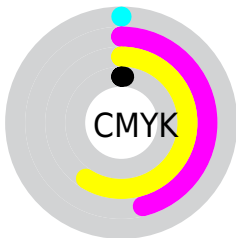
Distribution



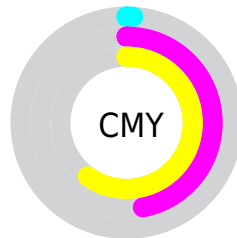
- Red (99%)
- Green (53%)
- Blue (40%)



- Red (99%)
- Yellow (57%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 55.969, 42.081 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 69, 55.969, 42.081 by changing the saturation by 10% instead.

69, 55.969, 42.081

69, 55.969, 42.081

100, 55.969,
42.081

59, 55.969, 42.081

89, 55.969, 42.081

49, 55.969, 42.081

99, 55.969, 42.081

39, 55.969, 42.081

29, 55.969, 42.081

19, 55.969, 42.081

9, 55.969, 42.081

0, 55.969, 42.081

69, 55.969, 42.081

69, 55.969, 42.081

65, 67.642, 42.763

74, 44.778, 41.604

61, 79.337, 43.525

78, 34.270, 41.336

58, 89.992, 44.010

83, 24.508, 41.253

56, 97.882, 43.664

89, 15.490, 41.317

56, 98.356, 43.656

94, 7.175, 41.469

100, 0.497,
223.139

100, 0.793,
200.190

Harmonies

Complementary

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



69, 55.969, 42.081



82, 35.206, 227.650

Rectangle

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



69, 55.969, 42.081



69, 55.969, 92.081



69, 55.969, 222.081



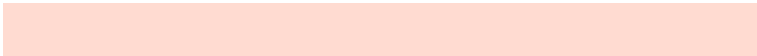
69, 55.969, 272.081

Sweetspot

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



69, 55.967, 42.085



90, 14.448, 41.334



66, 76.995, 335.314



47, 10.162, 41.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 55.967, 42.085



65, 70.126, 42.893



86, 57.849, 87.094



50, 4.406, 41.466



42, 79.303, 44.088



12, 29.686, 38.354

Inverse Universe

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



82, 35.206, 227.650



80, 39.396, 230.376



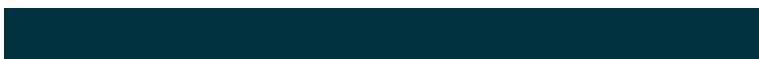
62, 60.487, 286.485



52, 4.155, 222.282



57, 35.847, 240.019



18, 16.236, 234.263

Previews

White Background



This preview shows how the CIELCh color 69, 55.969, 42.081 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 69, 55.969, 42.081 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 69, 55.969, 42.081

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.969, 42.081.

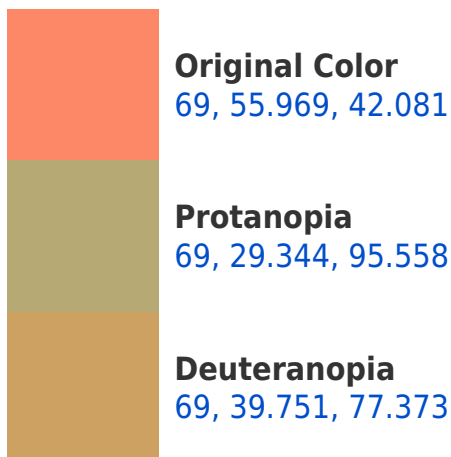


This preview shows how white text looks on a background with the CIELCh color 69, 55.969, 42.081.

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
69, 50.801, 19.667

Trichromacy



Original Color
69, 55.969, 42.081

Protanomaly
69, 34.083, 66.988

Deuteranomaly
69, 43.083, 61.200

Tritanomaly
69, 51.588, 28.796

Monochromacy



Original Color
69, 55.969, 42.081

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 18.480, 41.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.969, 42.081 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(253, 136, 103)` looks like.

```
.text, #text, p{  
    color:rgb(253, 136, 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(253, 136, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 136, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.969, 42.081 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(253, 136, 103) }
```

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

```
.border{ border-color:rgb(253, 136, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 136, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 136, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 136, 103);  
box-shadow:4px 4px 4px 4px rgb(253, 136,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.969, 42.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 136, 103) }
```

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

```
.background{ background-color: rgb(253,  
136, 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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