

Converting Colors

CIELCh(69, 56.145, 40.015)

Have a look what the booklet for
CIELCh(69, 56.145, 40.015) contains.

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Color

CIELCh(69, 56.229, 40.029)

Conversions

Conversions Part 1

Format	Color
Hex	FE8669
RGB	254, 134, 105
RGB Percent	100%, 53%, 41%
CMY	0.0021, 0.4729, 0.5868
CMYK	0.00, 0.47, 0.59, 0.00
HSL	12°, 99%, 71%
HSV	12°, 59%, 100%
XYZ	52.1895, 39.3444, 18.3071
YIQ	166.5740, 80.8290, 16.4210

Conversions

Conversions Part 2

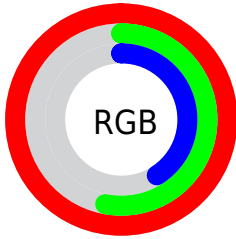
Format	Color
R _Y B	254, 141, 105
Decimal	16680553
CIE Lab	69.00, 43.06, 36.17
CIE LCh	69, 56.229, 40.029
Yxy	39.3444, 0.4751, 0.3582
Android (android.graphics.Color)	4294870633 (0xFFFE8669)
YUV	166.5740, -30.3560, 76.6726
Hunter-Lab	62.7251, 38.7493, 26.6031

Details

The CIELCh color **69, 56.229, 40.029** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 35.262, 223.500**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 32.249, 52.192**, and **49, 56.136, 39.889** is the 20% darker color. If you saturate the color by 10%, you get **65, 68.074, 40.954**, and if you desaturate by 10%, it is **74, 44.872, 39.351**.

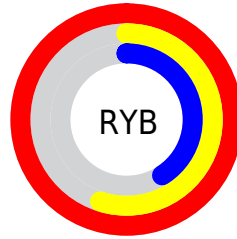
Distribution



Red (100%)

Green (53%)

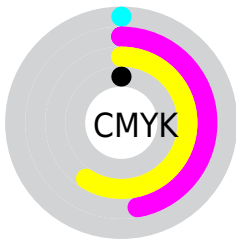
Blue (41%)



Red (100%)

Yellow (55%)

Blue (41%)

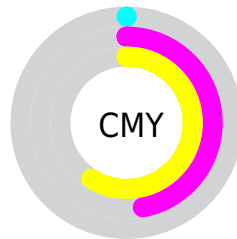


Cyan (0%)

Magenta (47%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 56.229, 40.029 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, 56.229, 40.029 by changing the saturation by 10% instead.

 69, 56.229, 40.029

 69, 56.229, 40.029

 100, 56.229,
40.029

 59, 56.229, 40.029

 89, 56.229, 40.029

 49, 56.229, 40.029

 99, 56.229, 40.029

 39, 56.229, 40.029

 29, 56.229, 40.029

 19, 56.229, 40.029

 9, 56.229, 40.029

 0, 56.229, 40.029

 69, 56.229, 40.029

 69, 56.229, 40.029

 65, 68.074, 40.954

 74, 44.872, 39.351

61, 79.963, 42.015

79, 34.205, 38.911

58, 90.871, 42.869

84, 24.296, 38.678

56, 98.943, 42.870

89, 15.145, 38.606

55, 99.923, 42.887

95, 6.712, 38.629

100, 0.188,
202.923

Harmonies

Complementary

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



69, 56.229, 40.029



84, 35.262, 223.500

Rectangle

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



69, 56.229, 40.029



69, 56.229, 90.029



69, 56.229, 220.029



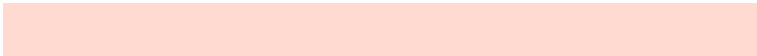
69, 56.229, 270.029

Sweetspot

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



69, 56.227, 40.033



90, 14.652, 38.606



67, 78.374, 333.856



46, 10.307, 38.611



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, 56.227, 40.033



64, 69.884, 41.100



85, 56.255, 84.533



50, 4.466, 38.627



42, 80.167, 43.285



12, 30.058, 36.873

Inverse Universe

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



84, 35.262, 223.500



82, 39.133, 225.753



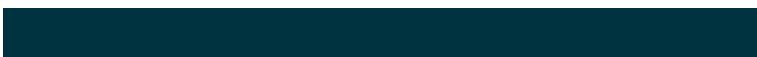
64, 57.225, 284.049



52, 4.206, 219.212



59, 35.310, 234.521



19, 16.141, 229.388

Previews

White Background



This preview shows how the CIELCh color 69, 56.229, 40.029 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, 56.229, 40.029 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, 56.229, 40.029

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.229, 40.029.

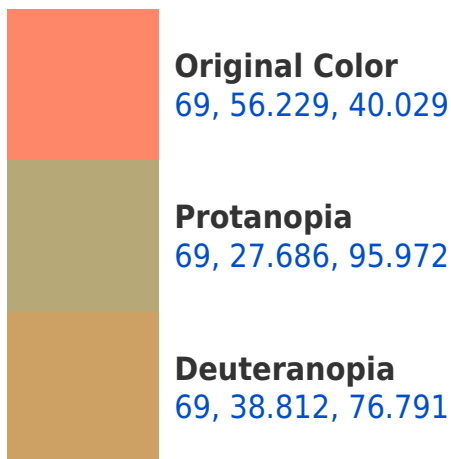


This preview shows how white text looks on a background with the CIELCh color 69, 56.229, 40.029.

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, 56.229, 40.029

Protanomaly
68, 32.727, 64.341

Deuteranomaly
69, 42.641, 59.152

Tritanomaly
69, 52.139, 27.732

Monochromacy



Original Color
69, 56.229, 40.029

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 18.852, 37.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.229, 40.029 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, 134, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 105)  
}
```

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, 134, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.229, 40.029 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, 134, 105) }
```

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

```
.border{ border-color:rgb(254, 134, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 105);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.229, 40.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 105) }
```

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

```
.background{ background-color: rgb(254,  
134, 105) }
```

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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