

Converting Colors

CIELCh(67, 54.057, 40.056)

Have a look what the booklet for
CIELCh(67, 54.057, 40.056) contains.

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Color

CIELCh(67, 54.130, 40.071)

Conversions

Conversions Part 1

Format	Color
Hex	F68367
RGB	246, 131, 103
RGB Percent	96%, 51%, 40%
CMY	0.0369, 0.4876, 0.5973
CMYK	0.00, 0.47, 0.58, 0.04
HSL	12°, 88%, 68%
HSV	12°, 58%, 96%
XYZ	48.3659, 36.6320, 17.2683
YIQ	162.1930, 77.5280, 15.6720

Conversions

Conversions Part 2

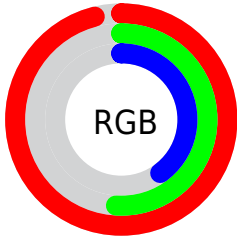
Format	Color
R _Y B	246, 138, 103
Decimal	16155495
CIE Lab	67.00, 41.42, 34.85
CIE LCh	67, 54.130, 40.071
Yxy	36.6320, 0.4729, 0.3582
Android (android.graphics.Color)	4294345575 (0xFFFF68367)
YUV	162.1930, -29.1821, 73.4987
Hunter-Lab	60.5244, 36.7244, 25.4509

Details

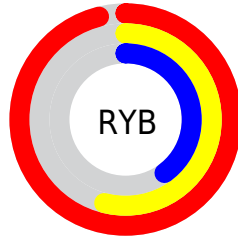
The CIELCh color **67, 54.130, 40.071** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 34.126, 223.580**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 33.141, 50.415**, and **47, 54.189, 40.311** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.618, 40.972**, and if you desaturate by 10%, it is **72, 43.131, 39.416**.

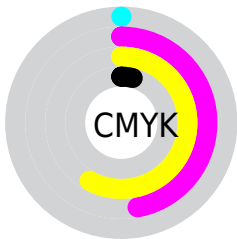
Distribution



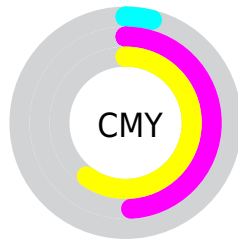
- Red (96%)
- Green (51%)
- Blue (40%)



- Red (96%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.130, 40.071 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 67, 54.130, 40.071 by changing the saturation by 10% instead.

67, 54.130, 40.071

67, 54.130, 40.071

100, 54.130,
40.071

57, 54.130, 40.071

87, 54.130, 40.071

47, 54.130, 40.071

97, 54.130, 40.071

37, 54.130, 40.071

27, 54.130, 40.071

17, 54.130, 40.071

7, 54.130, 40.071

0, 54.130, 40.071

67, 54.130, 40.071

67, 54.130, 40.071

63, 65.618, 40.972

72, 43.131, 39.416

59, 77.182, 42.017

76, 32.807, 38.995

56, 87.874, 42.883

82, 23.219, 38.778

54, 95.921, 42.930

87, 14.365, 38.718

54, 97.177, 42.959

92, 6.205, 38.747

98, 1.318, 219.516

99, 3.253, 199.403

Harmonies

Complementary

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



67, 54.130, 40.071



82, 34.126, 223.580

Rectangle

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



67, 54.130, 40.071



67, 54.130, 90.071



67, 54.130, 220.071



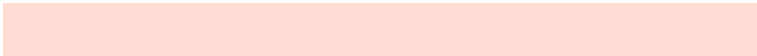
67, 54.130, 270.071

Sweetspot

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



67, 54.128, 40.075



90, 13.771, 38.719



65, 75.769, 333.819



47, 9.289, 38.719



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 54.128, 40.075



64, 69.843, 41.170



83, 54.297, 84.609



48, 4.316, 38.744



41, 78.487, 43.361



10, 27.536, 35.585

Inverse Universe

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



82, 34.126, 223.580



82, 39.128, 225.934



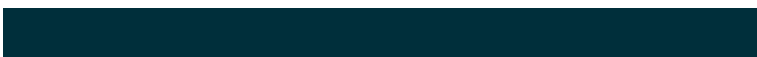
62, 55.193, 283.899



50, 4.066, 219.337



57, 34.617, 234.672



17, 15.286, 229.008

Previews

White Background



This preview shows how the CIELCh color 67, 54.130, 40.071 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 67, 54.130, 40.071 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 67, 54.130, 40.071

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.130, 40.071.



This preview shows how white text looks on a background with the CIELCh color 67, 54.130, 40.071.

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](#).

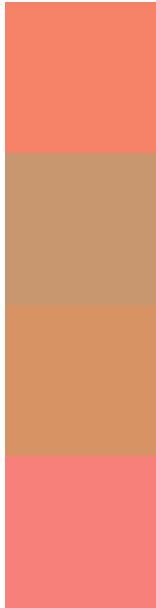
Dichromacy





Tritanopia
67, 50.285, 19.688

Trichromacy



Original Color
67, 54.130, 40.071

Protanomaly
66, 31.479, 64.152

Deuteranomaly
67, 40.689, 59.605

Tritanomaly
67, 50.754, 27.800

Monochromacy



Original Color
67, 54.130, 40.071

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 17.983, 40.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.130, 40.071 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(246, 131, 103)` looks like.

```
.text, #text, p{  
    color:rgb(246, 131, 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(246, 131, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 131, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.130, 40.071 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(246, 131, 103) }
```

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

```
.border{ border-color:rgb(246, 131, 103) }
```

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

Here you see how a box with a 4 pixel rgb(246, 131, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 131, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 131, 103);  
box-shadow:4px 4px 4px 4px rgb(246, 131,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.130, 40.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 131, 103) }
```

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

```
.background{ background-color: rgb(246,  
131, 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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