

Converting Colors

CIELCh(67, 56.618, 39.579)

Have a look what the booklet for
CIELCh(67, 56.618, 39.579) contains.

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Color

CIELCh(67, 56.613, 39.155)

Conversions

Conversions Part 1

Format	Color
Hex	F98065
RGB	249, 128, 101
RGB Percent	98%, 50%, 40%
CMY	0.0225, 0.4971, 0.6031
CMYK	0.00, 0.49, 0.59, 0.02
HSL	11°, 93%, 69%
HSV	11°, 59%, 98%
XYZ	49.2719, 36.6320, 16.8407
YIQ	161.1010, 80.7830, 17.2550

Conversions

Conversions Part 2

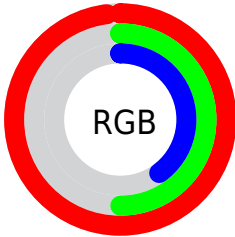
Format	Color
R _Y B	249, 134, 101
Decimal	16351333
CIE Lab	67.00, 43.90, 35.75
CIE LCh	67, 56.613, 39.155
Yxy	36.6320, 0.4796, 0.3565
Android (android.graphics.Color)	4294541413 (0xFFFF98065)
YUV	161.1010, -29.6298, 77.0874
Hunter-Lab	60.5244, 39.3965, 25.8698

Details

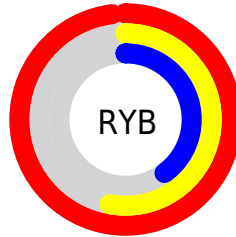
The CIELCh color **67, 56.613, 39.155** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 35.122, 221.706**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 34.383, 49.430**, and **47, 56.613, 39.184** is the 20% darker color. If you saturate the color by 10%, you get **63, 68.340, 40.220**, and if you desaturate by 10%, it is **72, 45.331, 38.352**.

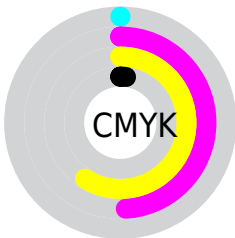
Distribution



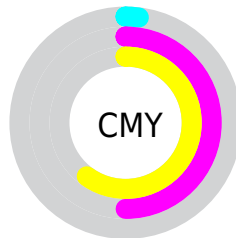
- Red (98%)
- Green (50%)
- Blue (40%)



- Red (98%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 56.613, 39.155 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, 56.613, 39.155 by changing the saturation by 10% instead.

67, 56.613, 39.155

67, 56.613, 39.155

100, 56.613,
39.155

57, 56.613, 39.155

87, 56.613, 39.155

47, 56.613, 39.155

97, 56.613, 39.155

37, 56.613, 39.155

27, 56.613, 39.155

17, 56.613, 39.155

7, 56.613, 39.155

0, 56.613, 39.155

67, 56.613, 39.155

67, 56.613, 39.155

63, 68.340, 40.220

72, 45.331, 38.352

59, 80.043, 41.428

77, 34.712, 37.804

56, 90.649, 42.405

82, 24.834, 37.478

54, 98.388, 42.555

87, 15.707, 37.326

54, 98.804, 42.580

93, 7.296, 37.284

98, 0.453, 218.908

100, 1.988,
199.612

Harmonies

Complementary

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



67, 56.613, 39.155



83, 35.122, 221.706

Rectangle

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



67, 56.613, 39.155



67, 56.613, 89.155



67, 56.613, 219.155



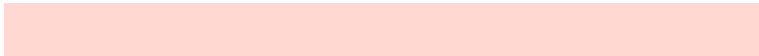
67, 56.613, 269.155

Sweetspot

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



67, 56.611, 39.158



90, 14.762, 37.316



66, 78.800, 333.236



46, 10.385, 37.341



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, 56.611, 39.158



64, 71.561, 40.420



83, 55.515, 83.042



49, 4.425, 37.284



41, 79.734, 42.955



11, 28.988, 35.543

Inverse Universe

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



83, 35.122, 221.706



82, 39.492, 223.880



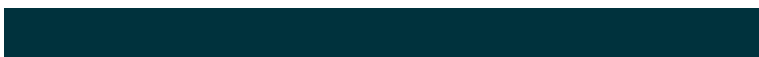
63, 55.739, 283.085



51, 4.166, 217.757



59, 34.809, 231.806



18, 15.709, 226.778

Previews

White Background



This preview shows how the CIELCh color 67, 56.613, 39.155 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, 56.613, 39.155 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, 56.613, 39.155

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.613, 39.155.



This preview shows how white text looks on a background with the CIELCh color 67, 56.613, 39.155.

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

67, 56.613, 39.155

Protanopia

67, 26.806, 95.538

Deuteranopia

67, 38.335, 76.874



Tritanopia
67, 52.417, 20.228

Trichromacy



Original Color
67, 56.613, 39.155

Protanomaly
66, 32.509, 62.552

Deuteranomaly
67, 42.219, 58.950

Tritanomaly
67, 52.977, 27.967

Monochromacy



Original Color
67, 56.613, 39.155

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 19.022, 37.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.613, 39.155 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(249, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(249, 128, 101)  
}
```

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(249, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 128, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.613, 39.155 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(249, 128, 101) }
```

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

```
.border{ border-color:rgb(249, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(249, 128,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.613, 39.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 128, 101) }
```

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

```
.background{ background-color: rgb(249,  
128, 101) }
```

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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