

Converting Colors

CIELCh(71, 69.999, 38.523)

Have a look what the booklet for
CIELCh(71, 69.999, 38.523) contains.

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Color

CIELCh(68, 60.170, 39.537)

Conversions

Conversions Part 1

Format	Color
Hex	FF8063
RGB	255, 128, 99
RGB Percent	100%, 50%, 39%
CMY	0.0000, 0.4968, 0.6110
CMYK	0.00, 0.50, 0.61, 0.00
HSL	11°, 100%, 69%
HSV	11°, 61%, 100%
XYZ	51.8225, 37.9720, 16.4521
YIQ	162.6670, 85.0010, 17.9050

Conversions

Conversions Part 2

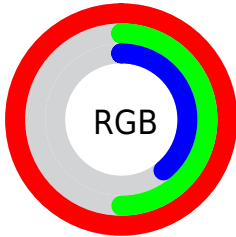
Format	Color
R _Y B	255, 135, 99
Decimal	16744547
CIE Lab	68.00, 46.40, 38.30
CIE LCh	68, 60.170, 39.537
Yxy	37.9720, 0.4878, 0.3574
Android (android.graphics.Color)	4294934627 (0xFFFF8063)
YUV	162.6670, -31.3878, 80.9760
Hunter-Lab	61.6215, 42.2776, 27.3054

Details

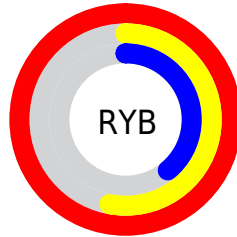
The CIELCh color **68, 60.170, 39.537** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 36.339, 222.681**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 35.023, 50.775**, and **48, 59.801, 39.760** is the 20% darker color. If you saturate the color by 10%, you get **64, 71.509, 40.707**, and if you desaturate by 10%, it is **72, 47.971, 38.835**.

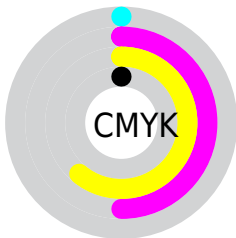
Distribution



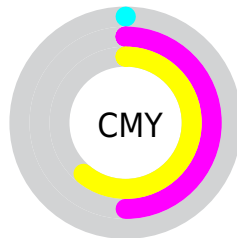
- Red (100%)
- Green (50%)
- Blue (39%)



- Red (100%)
- Yellow (53%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 60.170, 39.537 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 68, 60.170, 39.537 by changing the saturation by 10% instead.

68, 60.170, 39.537

68, 60.170, 39.537

100, 60.170,
39.537

58, 60.170, 39.537

88, 60.170, 39.537

48, 60.170, 39.537

98, 60.170, 39.537

38, 60.170, 39.537

28, 60.170, 39.537

18, 60.170, 39.537

8, 60.170, 39.537

0, 60.170, 39.537

68, 60.170, 39.537

68, 60.170, 39.537

64, 71.509, 40.707

72, 47.971, 38.835

60, 83.324, 41.860

77, 37.054, 38.277

57, 93.729, 42.664

83, 26.885, 37.943

55, 100.394,
42.668

88, 17.484, 37.790

94, 8.818, 37.758

99, 0.836, 37.165

100, 0.012,
296.813

Harmonies

Complementary

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



68, 60.170, 39.537



84, 36.339, 222.681

Rectangle

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



68, 60.170, 39.537



68, 60.170, 89.537



68, 60.170, 219.537



68, 60.170, 269.537

Sweetspot

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



68, 59.538, 39.651



90, 14.722, 37.771



66, 81.108, 334.040



46, 10.357, 37.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 59.538, 39.651



63, 73.793, 40.927



85, 58.700, 84.157



50, 4.488, 37.757



42, 80.423, 43.055



12, 30.174, 36.435

Inverse Universe

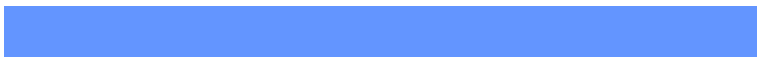
The Inverse Universe completely reimagines the original color for something new.



84, 36.339, 222.681



82, 39.974, 225.076



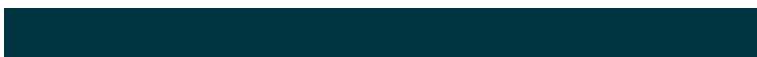
63, 59.953, 284.805



52, 4.225, 218.270



59, 35.205, 232.792



19, 16.133, 227.869

Previews

White Background



This preview shows how the CIELCh color 68, 60.170, 39.537 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 68, 60.170, 39.537 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 68, 60.170, 39.537

Background



This preview shows how black text looks on a background with the CIELCh color 68, 60.170, 39.537.



This preview shows how white text looks on a background with the CIELCh color 68, 60.170, 39.537.

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](#).

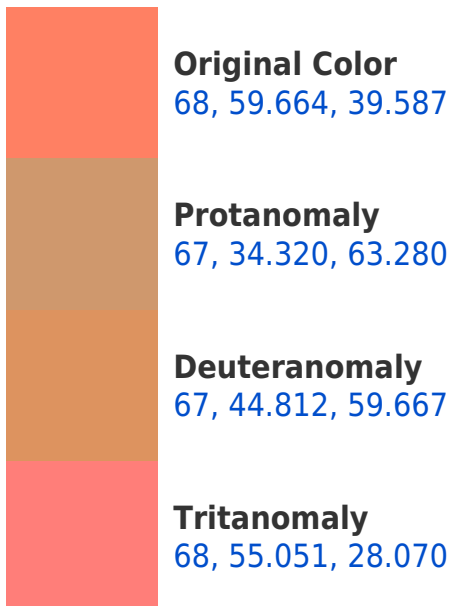
Dichromacy



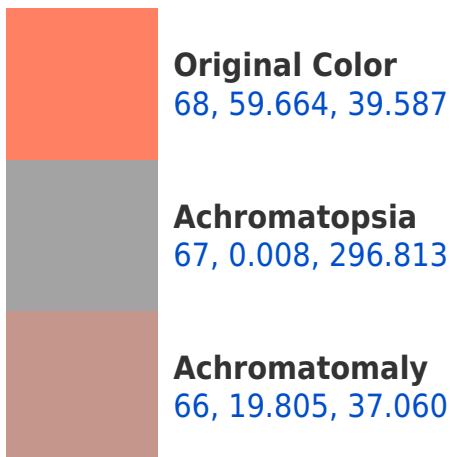


Tritanopia
68, 53.665, 21.015

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 60.170, 39.537 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(255, 128, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 99)  
}
```

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(255, 128, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 60.170, 39.537 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(255, 128, 99) }
```

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

```
.border{ border-color:rgb(255, 128, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 60.170, 39.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 99) }
```

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

```
.background{ background-color: rgb(255,  
128, 99) }
```

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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