

Converting Colors

CIELCh(68, 58.155, 38.995)

Have a look what the booklet for
CIELCh(68, 58.155, 38.995) contains.

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Color

CIELCh(68, 57.960, 39.333)

Conversions

Conversions Part 1

Format	Color
Hex	FE8266
RGB	254, 130, 102
RGB Percent	100%, 51%, 40%
CMY	0.0041, 0.4903, 0.6002
CMYK	0.00, 0.49, 0.60, 0.00
HSL	11°, 99%, 70%
HSV	11°, 60%, 100%
XYZ	51.2260, 37.9720, 17.1885
YIQ	163.8840, 82.8920, 17.5800

Conversions

Conversions Part 2

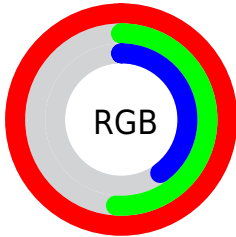
Format	Color
R_{YB}	254, 136, 102
Decimal	16679526
CIE _{Lab}	68.00, 44.83, 36.74
CIE _{LCh}	68, 57.960, 39.333
Yxy	37.9720, 0.4815, 0.3569
Android (android.graphics.Color)	4294869606 (0xFFFE8266)
YUV	163.8840, -30.5088, 79.0317
Hunter-Lab	61.6215, 40.5497, 26.5968

Details

The CIELCh color **68, 57.960, 39.333** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 35.792, 222.058**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 33.552, 50.078**, and **48, 57.990, 39.385** is the 20% darker color. If you saturate the color by 10%, you get **64, 69.871, 40.393**, and if you desaturate by 10%, it is **73, 46.486, 38.531**.

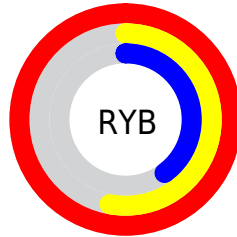
Distribution



Red (100%)

Green (51%)

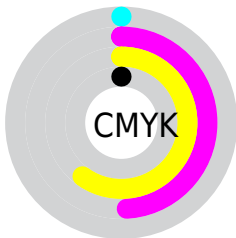
Blue (40%)



Red (100%)

Yellow (53%)

Blue (40%)

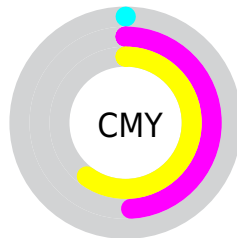


Cyan (0%)

Magenta (49%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 57.960, 39.333 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, 57.960, 39.333 by changing the saturation by 10% instead.

 68, 57.960, 39.333

 68, 57.960, 39.333

 100, 57.960,
39.333

 58, 57.960, 39.333

 88, 57.960, 39.333

 48, 57.960, 39.333

 98, 57.960, 39.333

 38, 57.960, 39.333

 28, 57.960, 39.333

 18, 57.960, 39.333

 8, 57.960, 39.333

 0, 57.960, 39.333

 68, 57.960, 39.333

 68, 57.960, 39.333

 64, 69.871, 40.393

 73, 46.486, 38.531

60, 81.723, 41.582

78, 35.680, 37.983

57, 92.379, 42.505

83, 25.626, 37.658

55, 100.068,
42.598

88, 16.335, 37.509

94, 7.773, 37.473

55, 100.172,
42.604

100, 0.116,
223.320

100, 0.366,
201.192

Harmonies

Complementary

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



68, 57.960, 39.333



84, 35.792, 222.058

Rectangle

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



68, 57.960, 39.333



68, 57.960, 89.333



68, 57.960, 219.333



68, 57.960, 269.333

Sweetspot

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



68, 57.958, 39.336



90, 14.746, 37.496



67, 79.566, 333.947



46, 10.374, 37.518



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, 57.958, 39.336



63, 72.696, 40.647



85, 57.343, 84.346



50, 4.495, 37.472



42, 80.505, 42.981



12, 30.212, 36.293

Inverse Universe

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



84, 35.792, 222.058



82, 39.740, 224.395



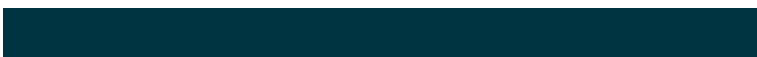
63, 58.445, 284.423



52, 4.231, 217.960



59, 35.177, 232.220



19, 16.133, 227.368

Previews

White Background



This preview shows how the CIELCh color 68, 57.960, 39.333 looks on a white background.

Color Contrast Check

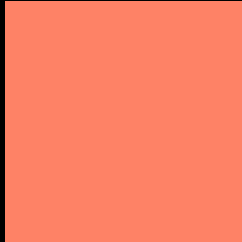
Large Text (above 18pt) WCAG AA × Fail

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, 57.960, 39.333 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, 57.960, 39.333

Background



This preview shows how black text looks on a background with the CIELCh color 68, 57.960, 39.333.



This preview shows how white text looks on a background with the CIELCh color 68, 57.960, 39.333.

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, 53.100, 20.317

Trichromacy



Original Color
68, 57.960, 39.333

Protanomaly
67, 33.196, 63.757

Deuteranomaly
68, 43.592, 59.182

Tritanomaly
68, 54.390, 27.474

Monochromacy



Original Color
68, 57.960, 39.333

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 19.555, 38.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 57.960, 39.333 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, 130, 102)` looks like.

```
.text, #text, p{  
    color:rgb(254, 130, 102)  
}
```

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, 130, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 130, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 57.960, 39.333 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, 130, 102) }
```

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

```
.border{ border-color:rgb(254, 130, 102) }
```

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

Here you see how a box with a 4 pixel rgb(254, 130, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 130, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 130, 102);  
box-shadow:4px 4px 4px 4px rgb(254, 130,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 57.960, 39.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 130, 102) }
```

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

```
.background{ background-color: rgb(254,  
130, 102) }
```

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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