

Converting Colors

CIELCh(68, 48.915, 40.027)

Have a look what the booklet for
CIELCh(68, 48.915, 40.027) contains.

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Color

CIELCh(68, 48.915, 39.995)

Conversions

Conversions Part 1

Format	Color
Hex	F2896F
RGB	242, 137, 111
RGB Percent	95%, 54%, 44%
CMY	0.0505, 0.4623, 0.5643
CMYK	0.00, 0.43, 0.54, 0.05
HSL	12°, 84%, 69%
HSV	12°, 54%, 95%
XYZ	48.4974, 37.9720, 19.8418
YIQ	165.4310, 70.9260, 14.1740

Conversions

Conversions Part 2

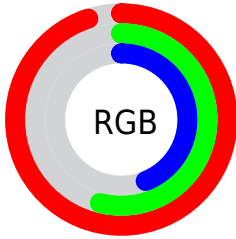
Format	Color
R _Y B	242, 143, 111
Decimal	15894895
CIE Lab	68.00, 37.47, 31.44
CIE LCh	68, 48.915, 39.995
Yxy	37.9720, 0.4562, 0.3572
Android (android.graphics.Color)	4294084975 (0xFFFF2896F)
YUV	165.4310, -26.8345, 67.1510
Hunter-Lab	61.6215, 32.6457, 24.0439

Details

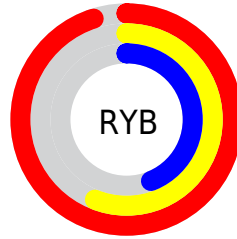
The CIELCh color **68, 48.915, 39.995** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 32.111, 223.342**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.079, 51.111**, and **48, 48.993, 39.798** is the 20% darker color. If you saturate the color by 10%, you get **64, 60.088, 40.776**, and if you desaturate by 10%, it is **73, 38.319, 39.463**.

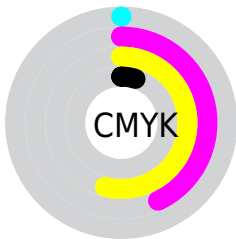
Distribution



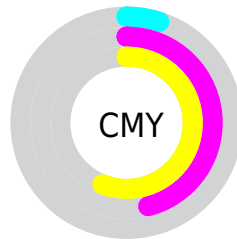
- Red (95%)
- Green (54%)
- Blue (44%)



- Red (95%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (5%)



- Cyan (5%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.915, 39.995 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, 48.915, 39.995 by changing the saturation by 10% instead.

68, 48.915, 39.995

68, 48.915, 39.995

100, 48.915,
39.995

58, 48.915, 39.995

88, 48.915, 39.995

48, 48.915, 39.995

98, 48.915, 39.995

38, 48.915, 39.995

28, 48.915, 39.995

18, 48.915, 39.995

8, 48.915, 39.995

0, 48.915, 39.995

68, 48.915, 39.995

68, 48.915, 39.995

64, 60.088, 40.776

73, 38.319, 39.463

60, 71.553, 41.750

78, 28.425, 39.150

57, 82.639, 42.718

83, 19.263, 39.020

54, 91.890, 43.128

88, 10.812, 39.024

53, 96.007, 43.055

93, 3.023, 39.019

99, 3.996, 209.992

99, 4.440, 199.273

Harmonies

Complementary

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



68, 48.915, 39.995



81, 32.111, 223.342

Rectangle

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



68, 48.915, 39.995



68, 48.915, 89.995



68, 48.915, 219.995



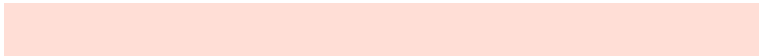
68, 48.915, 269.995

Sweetspot

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



68, 48.913, 39.999



91, 12.886, 39.016



66, 70.557, 333.524



47, 8.776, 39.011



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, 48.913, 39.999



66, 63.758, 40.872



83, 49.938, 85.213



47, 4.235, 39.049



40, 77.573, 43.468



10, 26.228, 34.970

Inverse Universe

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



81, 32.111, 223.342



83, 37.587, 225.311



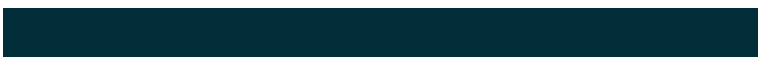
64, 50.500, 282.719



49, 3.991, 219.666



56, 34.304, 235.228



16, 14.856, 229.200

Previews

White Background



This preview shows how the CIELCh color 68, 48.915, 39.995 looks on a white background.

Color Contrast Check

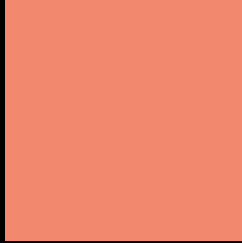
Large Text (above 18pt) WCAG AA × Fail

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, 48.915, 39.995 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, 48.915, 39.995

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.915, 39.995.



This preview shows how white text looks on a background with the CIELCh color 68, 48.915, 39.995.

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, 45.453, 18.347

Trichromacy



Original Color
68, 48.915, 39.995

Protanomaly
67, 28.331, 64.017

Deuteranomaly
68, 37.439, 59.251

Tritanomaly
68, 45.865, 26.169

Monochromacy



Original Color
68, 48.915, 39.995

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 16.642, 37.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.915, 39.995 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(242, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(242, 137, 111)  
}
```

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(242, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 137, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.915, 39.995 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(242, 137, 111) }
```

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

```
.border{ border-color:rgb(242, 137, 111) }
```

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

Here you see how a box with a 4 pixel rgb(242, 137, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 137, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 137, 111);  
box-shadow:4px 4px 4px 4px rgb(242, 137,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.915, 39.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 137, 111) }
```

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

```
.background{ background-color: rgb(242,  
137, 111) }
```

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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