

Converting Colors

CIELCh(70, 48.911, 40.066)

Have a look what the booklet for
CIELCh(70, 48.911, 40.066) contains.

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Color

CIELCh(70, 48.946, 39.815)

Conversions

Conversions Part 1

Format	Color
Hex	F88E74
RGB	248, 142, 116
RGB Percent	97%, 56%, 45%
CMY	0.0259, 0.4417, 0.5438
CMYK	0.00, 0.43, 0.53, 0.03
HSL	12°, 91%, 72%
HSV	12°, 53%, 97%
XYZ	51.7513, 40.7494, 21.7624
YIQ	170.7300, 71.5220, 14.3860

Conversions

Conversions Part 2

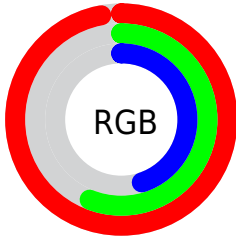
Format	Color
R _Y B	248, 148, 116
Decimal	16289396
CIE Lab	70.00, 37.60, 31.34
CIE LCh	70, 48.946, 39.815
Yxy	40.7494, 0.4529, 0.3566
Android (android.graphics.Color)	4294479476 (0xFFFF88E74)
YUV	170.7300, -26.9819, 67.7658
Hunter-Lab	63.8353, 32.9984, 24.4719

Details

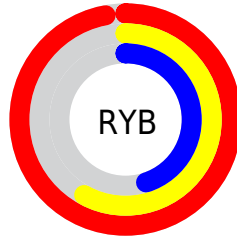
The CIELCh color **70, 48.946, 39.815** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 32.383, 222.985**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 28.128, 53.172**, and **50, 48.789, 40.184** is the 20% darker color. If you saturate the color by 10%, you get **66, 60.319, 40.590**, and if you desaturate by 10%, it is **75, 38.178, 39.292**.

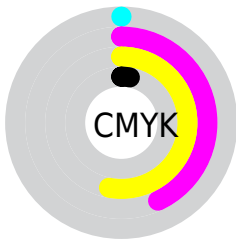
Distribution



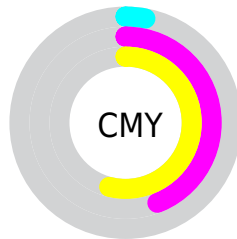
- Red (97%)
- Green (56%)
- Blue (45%)



- Red (97%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.946, 39.815 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 70, 48.946, 39.815 by changing the saturation by 10% instead.

70, 48.946, 39.815

70, 48.946, 39.815

100, 48.946,
39.815

60, 48.946, 39.815

90, 48.946, 39.815

50, 48.946, 39.815

40, 48.946, 39.815

30, 48.946, 39.815

20, 48.946, 39.815

10, 48.946, 39.815

0, 48.946, 39.815

70, 48.946, 39.815

70, 48.946, 39.815

66, 60.319, 40.590

75, 38.178, 39.292

62, 72.024, 41.570

80, 28.135, 38.986

58, 83.422, 42.573

85, 18.840, 38.862

56, 93.103, 43.081

90, 10.268, 38.867

54, 97.987, 42.981

96, 2.369, 38.805

100, 2.287,
199.550

Harmonies

Complementary

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



70, 48.946, 39.815



83, 32.383, 222.985

Rectangle

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



70, 48.946, 39.815



70, 48.946, 89.815



70, 48.946, 219.815



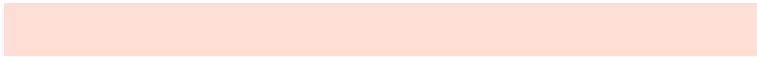
70, 48.946, 269.815

Sweetspot

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



70, 48.944, 39.819



91, 12.897, 38.856



68, 70.950, 333.462



47, 8.783, 38.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 48.944, 39.819



67, 62.621, 40.673



85, 50.092, 85.339



49, 4.387, 38.883



41, 79.270, 43.376



11, 28.776, 36.364

Inverse Universe

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



83, 32.383, 222.985



83, 37.263, 224.865



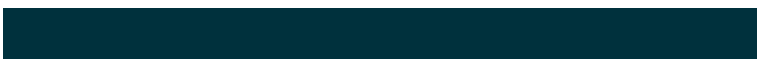
66, 50.610, 282.478



51, 4.132, 219.489



58, 34.992, 234.987



18, 15.718, 229.549

Previews

White Background



This preview shows how the CIELCh color 70, 48.946, 39.815 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 70, 48.946, 39.815 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 70, 48.946, 39.815

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.946, 39.815.

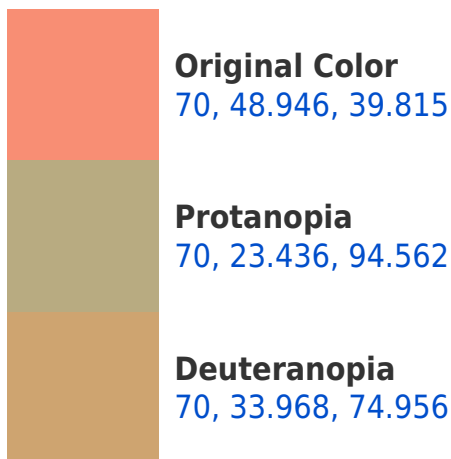


This preview shows how white text looks on a background with the CIELCh color 70, 48.946, 39.815.

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](#).

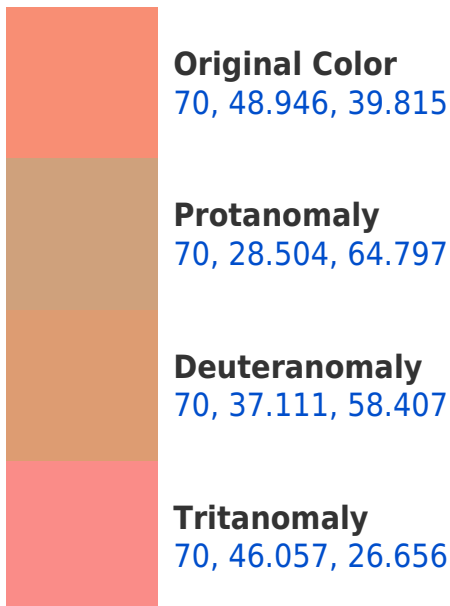
Dichromacy



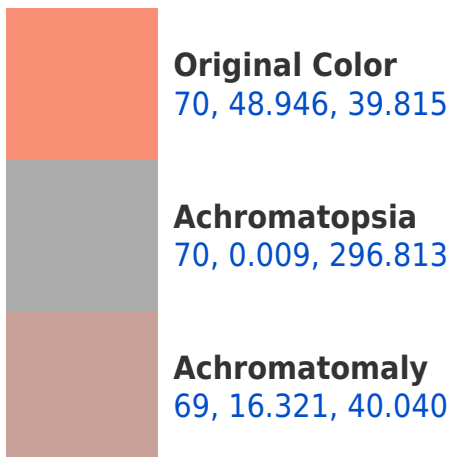


Tritanopia
70, 45.930, 17.708

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.946, 39.815 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(248, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(248, 142, 116)  
}
```

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(248, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 142, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.946, 39.815 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(248, 142, 116) }
```

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

```
.border{ border-color:rgb(248, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(248, 142,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.946, 39.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 142, 116) }
```

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

```
.background{ background-color: rgb(248,  
142, 116) }
```

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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