

Converting Colors

CIELCh(70, 48.579, 39.282)

Have a look what the booklet for
CIELCh(70, 48.579, 39.282) contains.

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Color

CIELCh(70, 48.677, 39.280)

Conversions

Conversions Part 1

Format	Color
Hex	F88E75
RGB	248, 142, 117
RGB Percent	97%, 56%, 46%
CMY	0.0261, 0.4419, 0.5400
CMYK	0.00, 0.43, 0.53, 0.03
HSL	11°, 91%, 72%
HSV	11°, 53%, 97%
XYZ	51.7828, 40.7494, 22.0555
YIQ	170.8440, 71.2010, 14.6970

Conversions

Conversions Part 2

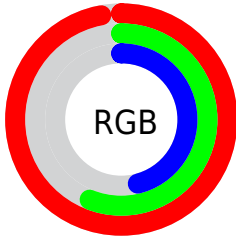
Format	Color
RYB	248, 148, 117
Decimal	16289397
CIELab	70.00, 37.68, 30.82
CIELCh	70, 48.677, 39.280
Yxy	40.7494, 0.4519, 0.3556
Android (android.graphics.Color)	4294479477 (0xFFFF88E75)
YUV	170.8440, -26.5451, 67.6658
Hunter-Lab	63.8353, 33.0864, 24.1996

Details

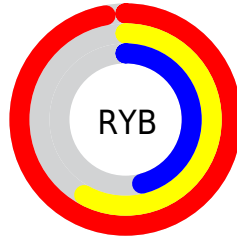
The CIELCh color **70, 48.677, 39.280** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 32.271, 222.002**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 27.802, 52.353**, and **50, 48.925, 39.546** is the 20% darker color. If you saturate the color by 10%, you get **66, 60.060, 40.102**, and if you desaturate by 10%, it is **75, 37.902, 38.718**.

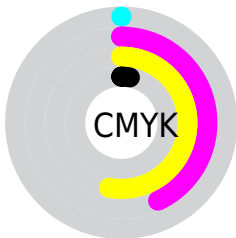
Distribution



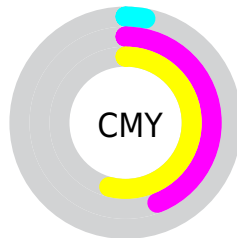
- Red (97%)
- Green (56%)
- Blue (46%)



- Red (97%)
- Yellow (58%)
- Blue (46%)



- 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, 48.677, 39.280 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, 48.677, 39.280 by changing the saturation by 10% instead.

 70, 48.677, 39.280

 70, 48.677, 39.280

 100, 48.677,
39.280

 60, 48.677, 39.280

 90, 48.677, 39.280

 50, 48.677, 39.280

 40, 48.677, 39.280

 30, 48.677, 39.280

 20, 48.677, 39.280

 10, 48.677, 39.280

 0, 48.677, 39.280

 70, 48.677, 39.280

 70, 48.677, 39.280

 66, 60.060, 40.102

 75, 37.902, 38.718

62, 71.785, 41.142

80, 27.853, 38.379

58, 83.230, 42.228

85, 18.552, 38.224

56, 93.020, 42.853

91, 9.977, 38.200

54, 98.208, 42.809

96, 2.077, 38.075

100, 2.305,
199.547

Harmonies

Complementary

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



70, 48.677, 39.280



84, 32.271, 222.002

Rectangle

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



70, 48.677, 39.280



70, 48.677, 89.280



70, 48.677, 219.280



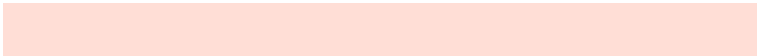
70, 48.677, 269.280

Sweetspot

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



70, 48.675, 39.284



91, 12.945, 38.198



68, 70.486, 333.433



47, 8.815, 38.201



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, 48.675, 39.284



67, 61.650, 40.132



85, 49.710, 85.397



49, 4.403, 38.205



41, 79.469, 43.194



11, 28.865, 36.013

Inverse Universe

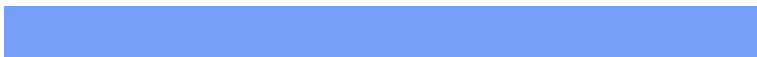
The Inverse Universe completely reimagines the original color for something new.



84, 32.271, 222.002



83, 36.971, 223.675



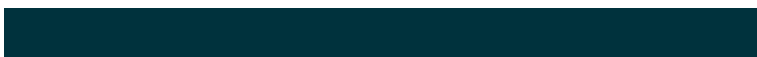
66, 50.203, 282.369



51, 4.146, 218.754



58, 34.903, 233.645



18, 15.710, 228.378

Previews

White Background



This preview shows how the CIELCh color 70, 48.677, 39.280 looks on a white background.

Color Contrast Check

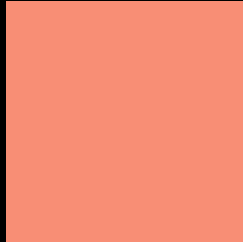
Large Text (above 18pt) WCAG AA × Fail

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, 48.677, 39.280 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, 48.677, 39.280

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.677, 39.280.

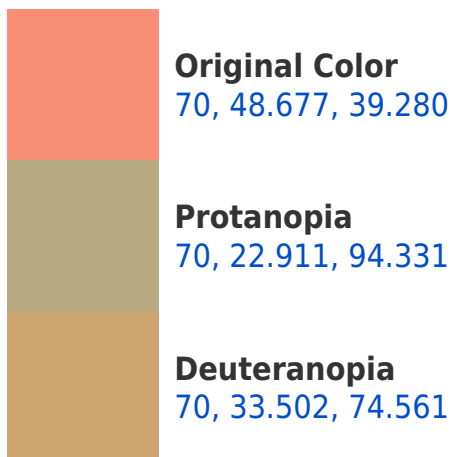


This preview shows how white text looks on a background with the CIELCh color 70, 48.677, 39.280.

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



Original Color
70, 48.677, 39.280

Protanomaly
70, 28.085, 64.136

Deuteranomaly
70, 36.723, 57.857

Tritanomaly
70, 45.911, 26.013

Monochromacy



Original Color
70, 48.677, 39.280

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 16.321, 40.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.677, 39.280 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(248, 142, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 142, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.677, 39.280 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, 117) }
```

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

```
.border{ border-color:rgb(248, 142, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(248, 142,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.677, 39.280 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, 117) }
```

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

```
.background{ background-color: rgb(248,  
142, 117) }
```

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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