

Converting Colors

CIELCh(70, 48.150, 43.071)

Have a look what the booklet for
CIELCh(70, 48.150, 43.071) contains.

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Color

CIELCh(70, 48.150, 43.071)

Conversions

Conversions Part 1

Format	Color
Hex	F59071
RGB	245, 144, 113
RGB Percent	96%, 56%, 44%
CMY	0.0375, 0.4338, 0.5555
CMYK	0.00, 0.41, 0.54, 0.04
HSL	14°, 87%, 70%
HSV	14°, 54%, 96%
XYZ	50.8357, 40.7494, 20.9132
YIQ	170.6650, 70.1470, 11.7710

Conversions

Conversions Part 2

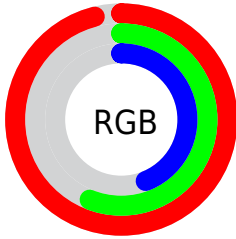
Format	Color
R_{YB}	245, 154, 113
Decimal	16093297
CIE _{Lab}	70.00, 35.17, 32.88
CIE _{LCh}	70, 48.150, 43.071
Yxy	40.7494, 0.4519, 0.3622
Android (android.graphics.Color)	4294283377 (0xFFFF59071)
YUV	170.6650, -28.4288, 65.1918
Hunter-Lab	63.8353, 30.4381, 25.2606

Details

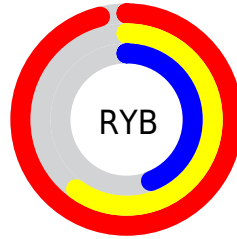
The CIELCh color **70, 48.150, 43.071** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 32.144, 228.913**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 29.112, 57.924**, and **50, 48.420, 43.262** is the 20% darker color. If you saturate the color by 10%, you get **66, 59.233, 43.510**, and if you desaturate by 10%, it is **75, 37.666, 42.833**.

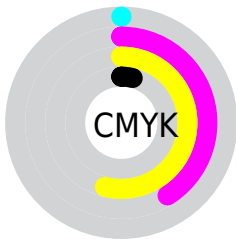
Distribution



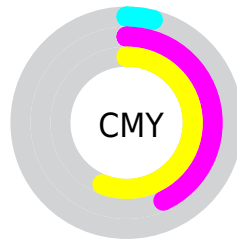
- Red (96%)
- Green (56%)
- Blue (44%)



- Red (96%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.150, 43.071 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, 48.150, 43.071 by changing the saturation by 10% instead.

70, 48.150, 43.071

70, 48.150, 43.071

100, 48.150,
43.071

60, 48.150, 43.071

90, 48.150, 43.071

50, 48.150, 43.071

40, 48.150, 43.071

30, 48.150, 43.071

20, 48.150, 43.071

10, 48.150, 43.071

0, 48.150, 43.071

70, 48.150, 43.071

70, 48.150, 43.071

66, 59.233, 43.510

75, 37.666, 42.833

62, 70.646, 44.089

79, 27.892, 42.774

59, 81.736, 44.613

84, 18.842, 42.868

56, 91.095, 44.572

89, 10.488, 43.073

55, 95.509, 44.197

95, 2.780, 43.234

99, 3.311, 199.395

Harmonies

Complementary

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



70, 48.150, 43.071



81, 32.144, 228.913

Rectangle

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



70, 48.150, 43.071



70, 48.150, 93.071



70, 48.150, 223.071



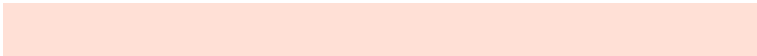
70, 48.150, 273.071

Sweetspot

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



70, 48.148, 43.075



91, 12.646, 43.021



67, 68.666, 335.574



48, 8.610, 42.975



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, 48.148, 43.075



68, 62.515, 43.581



85, 52.005, 89.165



48, 4.231, 43.175



42, 77.143, 44.663



11, 26.970, 38.038

Inverse Universe

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



81, 32.144, 228.913



81, 37.554, 231.374



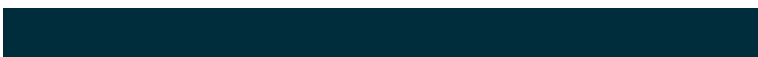
63, 54.399, 285.974



50, 3.995, 224.124



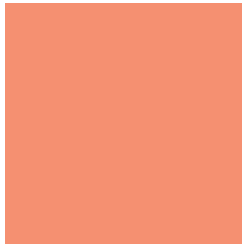
55, 35.567, 243.114



16, 15.452, 236.433

Previews

White Background



This preview shows how the CIELCh color 70, 48.150, 43.071 looks on a white background.

Color Contrast Check

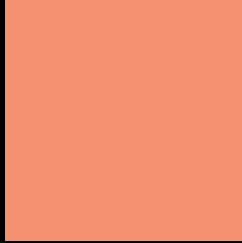
Large Text (above 18pt) WCAG AA × Fail

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, 48.150, 43.071 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, 48.150, 43.071

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.150, 43.071.

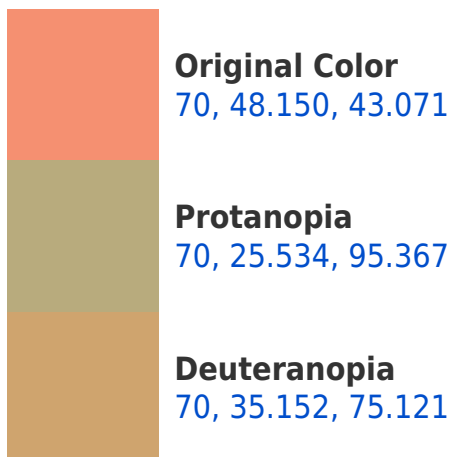


This preview shows how white text looks on a background with the CIELCh color 70, 48.150, 43.071.

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, 44.227, 16.551

Trichromacy



Original Color
70, 48.150, 43.071

Protanomaly
69, 29.483, 67.258

Deuteranomaly
70, 38.295, 60.904

Tritanomaly
70, 44.332, 26.565

Monochromacy



Original Color
70, 48.150, 43.071

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 16.165, 42.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.150, 43.071 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(245, 144, 113)` looks like.

```
.text, #text, p{  
    color:rgb(245, 144, 113)  
}
```

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(245, 144, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 144, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.150, 43.071 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(245, 144, 113) }
```

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

```
.border{ border-color:rgb(245, 144, 113) }
```

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

Here you see how a box with a 4 pixel rgb(245, 144, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 144, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 144, 113);  
box-shadow:4px 4px 4px 4px rgb(245, 144,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.150, 43.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 144, 113) }
```

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

```
.background{ background-color: rgb(245,  
144, 113) }
```

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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