

Converting Colors

CIELCh(70, 58.470, 48.840)

Have a look what the booklet for
CIELCh(70, 58.470, 48.840) contains.

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Color

CIELCh(70, 58.272, 48.839)

Conversions

Conversions Part 1

Format	Color
Hex	FD8D5D
RGB	253, 141, 93
RGB Percent	99%, 55%, 36%
CMY	0.0076, 0.4468, 0.6351
CMYK	0.00, 0.44, 0.63, 0.01
HSL	18°, 98%, 68%
HSV	18°, 63%, 99%
XYZ	52.0397, 40.7494, 15.4894
YIQ	169.0160, 82.1600, 8.8160

Conversions

Conversions Part 2

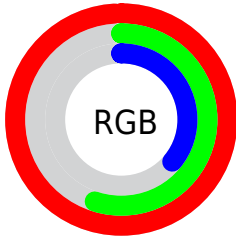
Format	Color
R _Y B	253, 162, 93
Decimal	16616797
CIE Lab	70.00, 38.35, 43.87
CIE LCh	70, 58.272, 48.839
Yxy	40.7494, 0.4806, 0.3763
Android (android.graphics.Color)	4294806877 (0xFFFD8D5D)
YUV	169.0160, -37.4759, 73.6540
Hunter-Lab	63.8353, 33.8049, 30.2982

Details

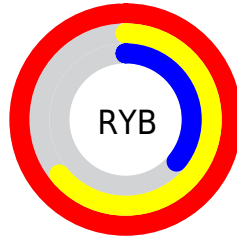
The CIELCh color **70, 58.272, 48.839** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **78, 37.530, 241.633**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 37.235, 66.707**, and **50, 58.000, 48.839** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.540, 48.761**, and if you desaturate by 10%, it is **74, 47.332, 48.982**.

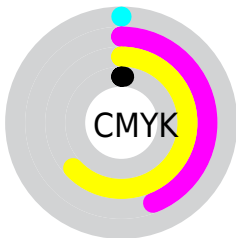
Distribution



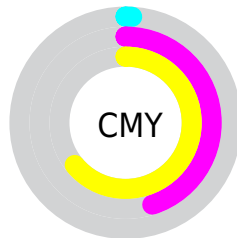
- Red (99%)
- Green (55%)
- Blue (36%)



- Red (99%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (63%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 58.272, 48.839 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, 58.272, 48.839 by changing the saturation by 10% instead.

70, 58.272, 48.839

70, 58.272, 48.839

100, 58.272,
48.839

60, 58.272, 48.839

90, 58.272, 48.839

50, 58.272, 48.839

40, 58.272, 48.839

30, 58.272, 48.839

20, 58.272, 48.839

10, 58.272, 48.839

0, 58.272, 48.839

70, 58.272, 48.839

70, 58.272, 48.839

66, 69.540, 48.761

74, 47.332, 48.982

63, 80.511, 48.549

79, 36.990, 49.239

60, 89.855, 47.758

83, 27.334, 49.617

58, 94.679, 46.793

88, 18.371, 50.098

93, 10.066, 50.648

98, 2.364, 51.093

100, 0.675,
200.345

Harmonies

Complementary

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



70, 58.272, 48.839



78, 37.530, 241.633

Rectangle

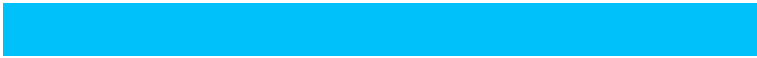
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 58.272, 48.839



70, 58.272, 98.839



70, 58.272, 228.839



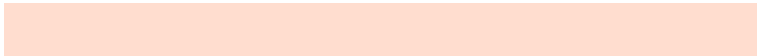
70, 58.272, 278.839

Sweetspot

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



70, 58.270, 48.843



91, 14.872, 50.325



64, 76.641, 339.605



47, 10.350, 50.170



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, 58.270, 48.843



66, 73.106, 48.728



89, 65.069, 92.698



51, 4.291, 50.856



44, 76.220, 47.348



13, 28.556, 43.824

Inverse Universe

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



78, 37.530, 241.633



75, 42.535, 246.042



56, 72.839, 292.376



51, 4.075, 232.373



53, 39.488, 256.257



17, 17.249, 249.232

Previews

White Background



This preview shows how the CIELCh color 70, 58.272, 48.839 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, 58.272, 48.839 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, 58.272, 48.839

Background



This preview shows how black text looks on a background with the CIELCh color 70, 58.272, 48.839.



This preview shows how white text looks on a background with the CIELCh color 70, 58.272, 48.839.

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



Original Color

70, 58.272, 48.839

Protanopia

70, 37.065, 96.415

Deuteranopia

70, 46.163, 78.361



Tritanopia
70, 48.893, 18.526

Trichromacy



Original Color
70, 58.272, 48.839

Protanomaly
70, 40.329, 73.628

Deuteranomaly
70, 48.600, 65.667

Tritanomaly
70, 50.390, 30.951

Monochromacy



Original Color
70, 58.272, 48.839

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 19.697, 50.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 58.272, 48.839 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(253, 141, 93)` looks like.

```
.text, #text, p{  
    color:rgb(253, 141, 93)  
}
```

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(253, 141, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 141, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 58.272, 48.839 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(253, 141, 93) }
```

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

```
.border{ border-color:rgb(253, 141, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 141, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 141, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 141, 93);  
box-shadow:4px 4px 4px 4px rgb(253, 141,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 58.272, 48.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 141, 93) }
```

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

```
.background{ background-color: rgb(253,  
141, 93) }
```

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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