

Converting Colors

CIELCh(71, 65.903, 58.315)

Have a look what the booklet for
CIELCh(71, 65.903, 58.315) contains.

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Color

CIELCh(71, 65.800, 58.387)

Conversions

Conversions Part 1

Format	Color
Hex	FE9347
RGB	254, 147, 71
RGB Percent	100%, 58%, 28%
CMY	0.0057, 0.4250, 0.7230
CMYK	0.00, 0.42, 0.72, 0.01
HSL	25°, 98%, 64%
HSV	25°, 72%, 99%
XYZ	52.2109, 42.1875, 11.2916
YIQ	170.3290, 88.1680, -0.9520

Conversions

Conversions Part 2

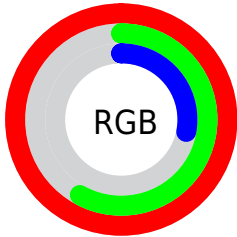
Format	Color
RYB	254, 201, 71
Decimal	16683847
CIELab	71.00, 34.49, 56.04
CIELCh	71, 65.800, 58.387
Yxy	42.1875, 0.4940, 0.3992
Android (android.graphics.Color)	4294873927 (0xFFFE9347)
YUV	170.3290, -48.9692, 73.3795
Hunter-Lab	64.9519, 29.8196, 35.1590

Details

The CIELCh color **71, 65.800, 58.387** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **70, 46.815, 262.315**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 47.307, 78.226**, and **51, 65.886, 58.234** is the 20% darker color. If you saturate the color by 10%, you get **68, 75.729, 57.159**, and if you desaturate by 10%, it is **74, 55.426, 59.402**.

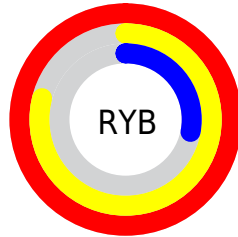
Distribution



Red (100%)

Green (58%)

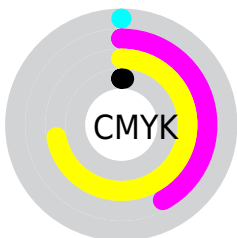
Blue (28%)



Red (100%)

Yellow (79%)

Blue (28%)

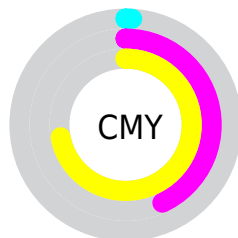


Cyan (0%)

Magenta (42%)

Yellow (72%)

Black (1%)



Cyan (1%)

Magenta (43%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 65.800, 58.387 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 71, 65.800, 58.387 by changing the saturation by 10% instead.

71, 65.800, 58.387

71, 65.800, 58.387

100, 65.800,
58.387

61, 65.800, 58.387

91, 65.800, 58.387

51, 65.800, 58.387

41, 65.800, 58.387

31, 65.800, 58.387

21, 65.800, 58.387

11, 65.800, 58.387

1, 65.800, 58.387

0, 65.800, 58.387

71, 65.800, 58.387

71, 65.800, 58.387

68, 75.729, 57.159

74, 55.426, 59.402

65, 84.071, 55.356

78, 45.217, 60.361

63, 88.922, 53.406

82, 35.438, 61.334

86, 26.187, 62.337

90, 17.480, 63.367

94, 9.293, 64.402

99, 1.585, 65.200

100, 0.503,
200.692

Harmonies

Complementary

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



71, 65.800, 58.387



70, 46.815, 262.315

Rectangle

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



71, 65.800, 58.387



71, 65.800, 108.387



71, 65.800, 238.387



71, 65.800, 288.387

Sweetspot

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



71, 65.798, 58.390



91, 17.442, 63.381



61, 78.997, 346.593



47, 11.820, 63.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 65.798, 58.390



67, 80.443, 56.379



92, 77.953, 98.189



51, 4.337, 64.667



48, 71.547, 54.084



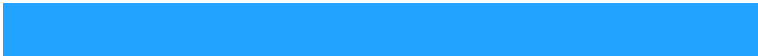
15, 27.344, 53.625

Inverse Universe

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



70, 46.815, 262.315



65, 54.895, 269.002



46, 95.760, 299.227



51, 4.185, 246.934



46, 49.067, 274.558



14, 20.425, 267.435

Previews

White Background



This preview shows how the CIELCh color 71, 65.800, 58.387 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 71, 65.800, 58.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

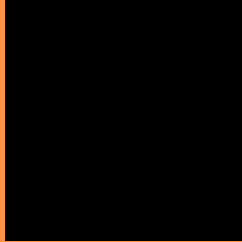
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 65.800, 58.387

Background



This preview shows how black text looks on a background with the CIELCh color 71, 65.800, 58.387.



This preview shows how white text looks on a background with the CIELCh color 71, 65.800, 58.387.

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

71, 65.800, 58.387

Protanopia

71, 50.476, 95.551

Deuteranopia

71, 58.039, 81.277



Tritanopia
71, 46.691, 18.501

Trichromacy



Original Color
71, 65.800, 58.387

Protanomaly
71, 52.619, 79.438

Deuteranomaly
71, 59.515, 72.221

Tritanomaly
71, 50.150, 36.586

Monochromacy



Original Color
71, 65.800, 58.387

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 22.239, 63.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 65.800, 58.387 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(254, 147, 71)` looks like.

```
.text, #text, p{  
    color:rgb(254, 147, 71)  
}
```

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(254, 147, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 147, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 65.800, 58.387 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(254, 147, 71) }
```

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

```
.border{ border-color:rgb(254, 147, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 147, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 147, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 147, 71);  
box-shadow:4px 4px 4px 4px rgb(254, 147,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 65.800, 58.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 147, 71) }
```

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

```
.background{ background-color: rgb(254,  
147, 71) }
```

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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