

Converting Colors

CIELCh(71, 58.934, 57.613)

Have a look what the booklet for
CIELCh(71, 58.934, 57.613) contains.

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Color

CIELCh(71, 59.071, 57.562)

Conversions

Conversions Part 1

Format	Color
Hex	F89553
RGB	248, 149, 83
RGB Percent	97%, 58%, 33%
CMY	0.0265, 0.4149, 0.6737
CMYK	0.00, 0.40, 0.66, 0.03
HSL	24°, 92%, 65%
HSV	24°, 66%, 97%
XYZ	51.1449, 42.1875, 13.6700
YIQ	171.0770, 80.1900, 0.4620

Conversions

Conversions Part 2

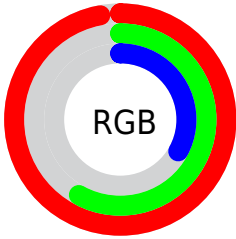
Format	Color
R _Y B	248, 193, 83
Decimal	16291155
CIE Lab	71.00, 31.68, 49.85
CIE LCh	71, 59.071, 57.562
Yxy	42.1875, 0.4780, 0.3943
Android (android.graphics.Color)	4294481235 (0xFFFF89553)
YUV	171.0770, -43.4220, 67.4615
Hunter-Lab	64.9519, 26.8900, 32.9880

Details

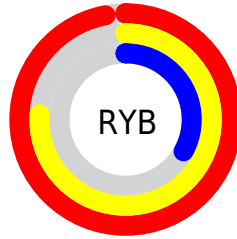
The CIELCh color **71, 59.071, 57.562** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **71, 42.160, 257.944**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 42.240, 76.743**, and **51, 59.264, 57.352** is the 20% darker color. If you saturate the color by 10%, you get **68, 69.321, 56.600**, and if you desaturate by 10%, it is **75, 48.819, 58.438**.

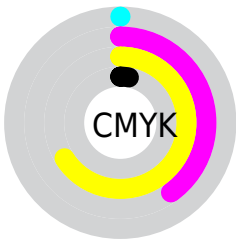
Distribution



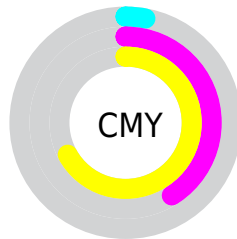
- Red (97%)
- Green (58%)
- Blue (33%)



- Red (97%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 59.071, 57.562 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, 59.071, 57.562 by changing the saturation by 10% instead.

71, 59.071, 57.562

71, 59.071, 57.562

100, 59.071,
57.562

61, 59.071, 57.562

91, 59.071, 57.562

51, 59.071, 57.562

41, 59.071, 57.562

31, 59.071, 57.562

21, 59.071, 57.562

11, 59.071, 57.562

1, 59.071, 57.562

0, 59.071, 57.562

71, 59.071, 57.562

71, 59.071, 57.562

68, 69.321, 56.600

75, 48.819, 58.438

64, 78.774, 55.301

78, 38.940, 59.317

62, 86.069, 53.226

82, 29.580, 60.234

61, 88.225, 52.419

86, 20.778, 61.191

91, 12.521, 62.172

95, 4.771, 63.123

99, 1.966, 222.951

100, 2.344,
199.539

Harmonies

Complementary

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



71, 59.071, 57.562



71, 42.160, 257.944

Rectangle

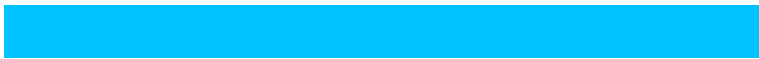
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 59.071, 57.562



71, 59.071, 107.562



71, 59.071, 237.562



71, 59.071, 287.562

Sweetspot

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



71, 59.070, 57.566



91, 15.702, 61.823



61, 73.702, 345.606



47, 10.811, 61.547



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, 59.070, 57.566



68, 74.402, 56.186



91, 72.027, 98.739



50, 4.245, 62.850



47, 71.405, 53.079



14, 26.257, 51.860

Inverse Universe

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



71, 42.160, 257.944



68, 49.981, 263.567



49, 86.052, 297.730



50, 4.087, 245.038



46, 47.041, 272.428



14, 19.280, 264.864

Previews

White Background



This preview shows how the CIELCh color 71, 59.071, 57.562 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, 59.071, 57.562 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, 59.071, 57.562

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.071, 57.562.



This preview shows how white text looks on a background with the CIELCh color 71, 59.071, 57.562.

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
71, 44.925, 16.715

Trichromacy



Original Color
71, 59.071, 57.562

Protanomaly
71, 46.758, 79.326

Deuteranomaly
71, 53.000, 71.102

Tritanomaly
71, 46.983, 34.649

Monochromacy



Original Color
71, 59.071, 57.562

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 19.980, 60.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.071, 57.562 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, 149, 83)` looks like.

```
.text, #text, p{  
    color:rgb(248, 149, 83)  
}
```

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, 149, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 149, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.071, 57.562 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, 149, 83) }
```

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

```
.border{ border-color:rgb(248, 149, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 149, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 149, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 149, 83);  
box-shadow:4px 4px 4px 4px rgb(248, 149,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.071, 57.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 149, 83) }
```

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

```
.background{ background-color: rgb(248,  
149, 83) }
```

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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