

Converting Colors

CIELCh(71, 57.365, 57.699)

Have a look what the booklet for
CIELCh(71, 57.365, 57.699) contains.

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Color

CIELCh(71, 57.150, 57.697)

Conversions

Conversions Part 1

Format	Color
Hex	F69656
RGB	246, 150, 86
RGB Percent	96%, 59%, 34%
CMY	0.0344, 0.4109, 0.6620
CMYK	0.00, 0.39, 0.65, 0.03
HSL	24°, 90%, 65%
HSV	24°, 65%, 97%
XYZ	50.7145, 42.1875, 14.3142
YIQ	171.4080, 77.7600, 0.4480

Conversions

Conversions Part 2

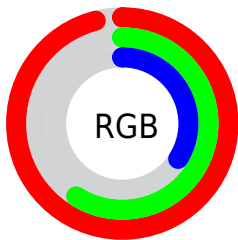
Format	Color
R _Y B	246, 193, 86
Decimal	16160342
CIE Lab	71.00, 30.54, 48.31
CIE LCh	71, 57.150, 57.697
Yxy	42.1875, 0.4730, 0.3935
Android (android.graphics.Color)	4294350422 (0xFFFF69656)
YUV	171.4080, -42.1061, 65.4172
Hunter-Lab	64.9519, 25.7070, 32.3999

Details

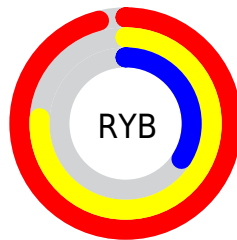
The CIELCh color **71, 57.150, 57.697** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **71, 41.115, 257.388**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 41.063, 76.690**, and **51, 57.378, 57.640** is the 20% darker color. If you saturate the color by 10%, you get **68, 67.370, 56.760**, and if you desaturate by 10%, it is **75, 47.005, 58.570**.

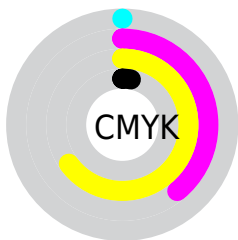
Distribution



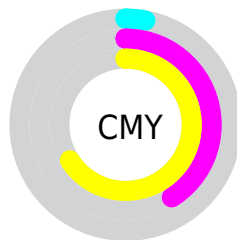
- Red (96%)
- Green (59%)
- Blue (34%)



- Red (96%)
- Yellow (76%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 57.150, 57.697 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, 57.150, 57.697 by changing the saturation by 10% instead.

71, 57.150, 57.697

71, 57.150, 57.697

100, 57.150,
57.697

61, 57.150, 57.697

91, 57.150, 57.697

51, 57.150, 57.697

41, 57.150, 57.697

31, 57.150, 57.697

21, 57.150, 57.697

11, 57.150, 57.697

1, 57.150, 57.697

0, 57.150, 57.697

71, 57.150, 57.697

71, 57.150, 57.697

68, 67.370, 56.760

75, 47.005, 58.570

64, 76.958, 55.537

78, 37.263, 59.453

62, 84.627, 53.613

82, 28.047, 60.376

60, 87.673, 52.436

86, 19.386, 61.337

91, 11.261, 62.319

95, 3.633, 63.243

99, 2.643, 214.841

99, 3.033, 199.431

Harmonies

Complementary

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



71, 57.150, 57.697



71, 41.115, 257.388

Rectangle

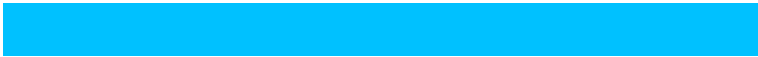
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 57.150, 57.697



71, 57.150, 107.697



71, 57.150, 237.697



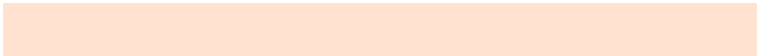
71, 57.150, 287.697

Sweetspot

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



71, 57.149, 57.701



92, 14.869, 61.922



61, 72.064, 345.363



48, 10.329, 61.640



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, 57.149, 57.701



69, 72.400, 56.421



90, 70.262, 98.888



49, 4.174, 62.852



46, 70.664, 53.117



13, 25.036, 51.473

Inverse Universe

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



71, 41.115, 257.388



69, 48.986, 262.672



50, 83.364, 297.338



49, 4.019, 245.036



46, 46.531, 272.376



13, 18.657, 264.406

Previews

White Background



This preview shows how the CIELCh color 71, 57.150, 57.697 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, 57.150, 57.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

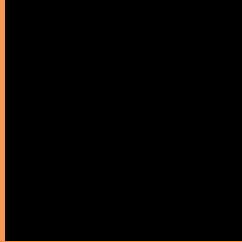
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 57.150, 57.697

Background



This preview shows how black text looks on a background with the CIELCh color 71, 57.150, 57.697.



This preview shows how white text looks on a background with the CIELCh color 71, 57.150, 57.697.

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, 43.679, 16.337

Trichromacy



Original Color
71, 57.150, 57.697

Protanomaly
71, 45.380, 78.703

Deuteranomaly
71, 51.439, 70.772

Tritanomaly
71, 45.442, 34.225

Monochromacy



Original Color
71, 57.150, 57.697

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 19.243, 60.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 57.150, 57.697 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(246, 150, 86)` looks like.

```
.text, #text, p{  
    color:rgb(246, 150, 86)  
}
```

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(246, 150, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 150, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 57.150, 57.697 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(246, 150, 86) }
```

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

```
.border{ border-color:rgb(246, 150, 86) }
```

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

Here you see how a box with a 4 pixel rgb(246, 150, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 150, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 150, 86);  
box-shadow:4px 4px 4px 4px rgb(246, 150,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 57.150, 57.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 150, 86) }
```

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

```
.background{ background-color: rgb(246,  
150, 86) }
```

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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