

Converting Colors

CIELCh(71, 50.998, 57.292)

Have a look what the booklet for
CIELCh(71, 50.998, 57.292) contains.

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Color

CIELCh(71, 51.352, 57.470)

Conversions

Conversions Part 1

Format	Color
Hex	F19960
RGB	241, 153, 96
RGB Percent	95%, 60%, 38%
CMY	0.0561, 0.4010, 0.6245
CMYK	0.00, 0.37, 0.60, 0.06
HSL	24°, 84%, 66%
HSV	24°, 60%, 94%
XYZ	49.6244, 42.1875, 16.5356
YIQ	172.8140, 70.7450, 0.9290

Conversions

Conversions Part 2

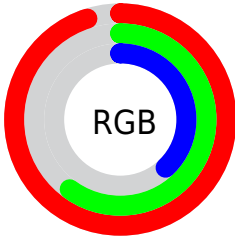
Format	Color
R _Y B	241, 190, 96
Decimal	15833440
CIE Lab	71.00, 27.61, 43.30
CIE LCh	71, 51.352, 57.470
Yxy	42.1875, 0.4580, 0.3894
Android (android.graphics.Color)	4294023520 (0xFFFF19960)
YUV	172.8140, -37.8693, 59.7991
Hunter-Lab	64.9519, 22.7113, 30.3722

Details

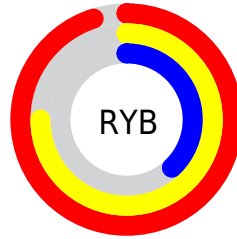
The CIELCh color **71, 51.352, 57.470** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **72, 37.608, 254.753**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.084, 76.114**, and **51, 51.535, 57.258** is the 20% darker color. If you saturate the color by 10%, you get **68, 61.456, 56.633**, and if you desaturate by 10%, it is **75, 41.524, 58.302**.

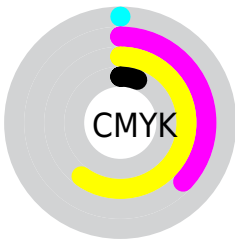
Distribution



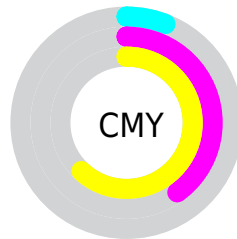
- Red (95%)
- Green (60%)
- Blue (38%)



- Red (95%)
- Yellow (75%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (60%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 51.352, 57.470 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, 51.352, 57.470 by changing the saturation by 10% instead.

71, 51.352, 57.470

71, 51.352, 57.470

100, 51.352,
57.470

61, 51.352, 57.470

91, 51.352, 57.470

51, 51.352, 57.470

41, 51.352, 57.470

31, 51.352, 57.470

21, 51.352, 57.470

11, 51.352, 57.470

1, 51.352, 57.470

0, 51.352, 57.470

71, 51.352, 57.470

71, 51.352, 57.470

68, 61.456, 56.633

75, 41.524, 58.302

64, 71.360, 55.639

79, 32.180, 59.168

61, 80.080, 54.180

82, 23.384, 60.079

59, 86.471, 52.043

87, 15.136, 61.026

91, 7.405, 61.978

95, 0.146, 59.518

99, 4.921, 199.264

99, 4.923, 199.228

Harmonies

Complementary

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



71, 51.352, 57.470



72, 37.608, 254.753

Rectangle

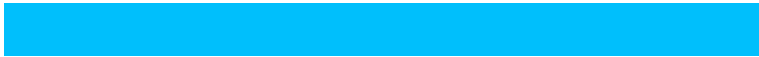
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 51.352, 57.470



71, 51.352, 107.470



71, 51.352, 237.470



71, 51.352, 287.470

Sweetspot

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



71, 51.351, 57.474



92, 14.022, 61.233



62, 67.439, 343.679



48, 9.837, 60.953



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, 51.351, 57.474



71, 66.317, 56.452



88, 63.833, 98.407



48, 4.095, 62.046



45, 70.180, 52.708



12, 23.852, 50.379

Inverse Universe

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



72, 37.608, 254.753



71, 45.530, 259.156



52, 73.672, 295.412



48, 3.939, 244.190



46, 45.394, 271.370



12, 17.837, 262.933

Previews

White Background



This preview shows how the CIELCh color 71, 51.352, 57.470 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, 51.352, 57.470 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, 51.352, 57.470

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.352, 57.470.



This preview shows how white text looks on a background with the CIELCh color 71, 51.352, 57.470.

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, 51.352, 57.470

Protanopia

71, 38.688, 95.409

Deuteranopia

71, 44.871, 78.521



Tritanopia
71, 40.349, 15.259

Trichromacy



Original Color
71, 51.352, 57.470

Protanomaly
71, 40.700, 78.891

Deuteranomaly
71, 46.340, 69.981

Tritanomaly
71, 41.067, 33.496

Monochromacy



Original Color
71, 51.352, 57.470

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.463, 60.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.352, 57.470 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(241, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(241, 153, 96)  
}
```

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(241, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 153, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.352, 57.470 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(241, 153, 96) }
```

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

```
.border{ border-color:rgb(241, 153, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 153, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(241, 153,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.352, 57.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 153, 96) }
```

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

```
.background{ background-color: rgb(241,  
153, 96) }
```

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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