

Converting Colors

CIELCh(71, 52.354, 53.465)

Have a look what the booklet for
CIELCh(71, 52.354, 53.465) contains.

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Color

CIELCh(71, 52.311, 53.767)

Conversions

Conversions Part 1

Format	Color
Hex	F59662
RGB	245, 150, 98
RGB Percent	96%, 59%, 38%
CMY	0.0386, 0.4112, 0.6151
CMYK	0.00, 0.39, 0.60, 0.04
HSL	21°, 88%, 67%
HSV	21°, 60%, 96%
XYZ	50.8567, 42.1875, 17.0524
YIQ	172.4770, 73.3120, 3.9680

Conversions

Conversions Part 2

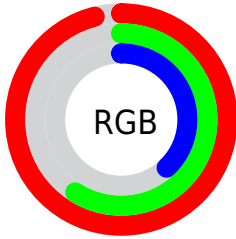
Format	Color
R_{YB}	245, 178, 98
Decimal	16094818
CIE Lab	71.00, 30.92, 42.20
CIE LCh	71, 52.311, 53.767
Yxy	42.1875, 0.4619, 0.3832
Android (android.graphics.Color)	4294284898 (0xFFFF59662)
YUV	172.4770, -36.7172, 63.6027
Hunter-Lab	64.9519, 26.0979, 29.9004

Details

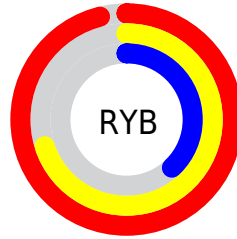
The CIELCh color **71, 52.311, 53.767** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74, 36.602, 248.966**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 35.692, 72.617**, and **51, 52.307, 53.872** is the 20% darker color. If you saturate the color by 10%, you get **67, 62.852, 53.223**, and if you desaturate by 10%, it is **75, 42.133, 54.345**.

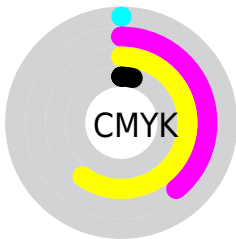
Distribution



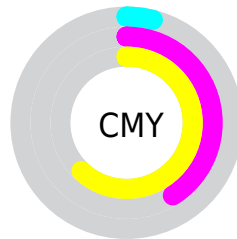
- Red (96%)
- Green (59%)
- Blue (38%)



- Red (96%)
- Yellow (70%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 52.311, 53.767 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, 52.311, 53.767 by changing the saturation by 10% instead.

71, 52.311, 53.767

71, 52.311, 53.767

100, 52.311,
53.767

61, 52.311, 53.767

91, 52.311, 53.767

51, 52.311, 53.767

41, 52.311, 53.767

31, 52.311, 53.767

21, 52.311, 53.767

11, 52.311, 53.767

1, 52.311, 53.767

0, 52.311, 53.767

71, 52.311, 53.767

71, 52.311, 53.767

67, 62.852, 53.223

75, 42.133, 54.345

64, 73.291, 52.566

79, 32.514, 54.991

61, 82.624, 51.475

83, 23.509, 55.710

58, 89.659, 49.627

88, 15.111, 56.488

58, 89.680, 49.622

92, 7.283, 57.289

97, 0.029, 257.867

99, 3.399, 199.385

Harmonies

Complementary

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



71, 52.311, 53.767



74, 36.602, 248.966

Rectangle

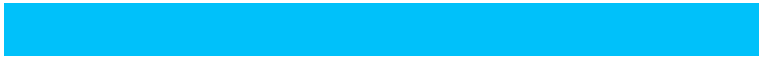
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 52.311, 53.767



71, 52.311, 103.767



71, 52.311, 233.767



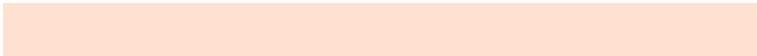
71, 52.311, 283.767

Sweetspot

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



71, 52.310, 53.771



92, 13.965, 56.643



63, 69.587, 341.820



48, 9.805, 56.410



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, 52.310, 53.771



69, 67.131, 53.097



89, 62.868, 96.402



49, 4.139, 57.326



45, 72.486, 50.251



12, 25.456, 47.248

Inverse Universe

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



74, 36.602, 248.966



73, 43.350, 253.266



55, 71.423, 293.888



49, 3.959, 239.237



48, 42.489, 265.481



14, 17.386, 257.442

Previews

White Background



This preview shows how the CIELCh color 71, 52.311, 53.767 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, 52.311, 53.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

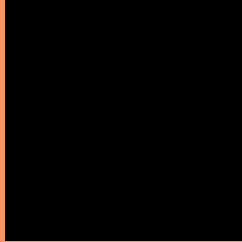
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 52.311, 53.767

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.311, 53.767.



This preview shows how white text looks on a background with the CIELCh color 71, 52.311, 53.767.

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, 52.311, 53.767

Protanopia

71, 36.577, 95.729

Deuteranopia

71, 43.947, 78.062



Tritanopia
71, 42.834, 16.068

Trichromacy



Original Color
71, 52.311, 53.767

Protanomaly
71, 38.868, 76.377

Deuteranomaly
71, 45.991, 67.798

Tritanomaly
71, 43.717, 31.788

Monochromacy



Original Color
71, 52.311, 53.767

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.401, 56.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.311, 53.767 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(245, 150, 98)` looks like.

```
.text, #text, p{  
    color:rgb(245, 150, 98)  
}
```

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(245, 150, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 150, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.311, 53.767 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(245, 150, 98) }
```

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

```
.border{ border-color:rgb(245, 150, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 150, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(245, 150,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.311, 53.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 150, 98) }
```

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

```
.background{ background-color: rgb(245,  
150, 98) }
```

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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