

Converting Colors

CIELCh(73, 53.809, 52.700)

Have a look what the booklet for
CIELCh(73, 53.809, 52.700) contains.

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Color

CIELCh(73, 53.889, 52.690)

Conversions

Conversions Part 1

Format	Color
Hex	FE9A66
RGB	254, 154, 102
RGB Percent	100%, 60%, 40%
CMY	0.0037, 0.3959, 0.5998
CMYK	0.00, 0.39, 0.60, 0.00
HSL	21°, 99%, 70%
HSV	21°, 60%, 100%
XYZ	54.8528, 45.1644, 18.4068
YIQ	177.9720, 76.2920, 5.0280

Conversions

Conversions Part 2

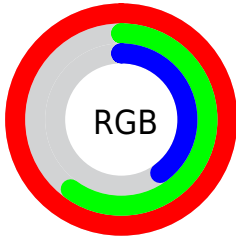
Format	Color
RYB	254, 181, 102
Decimal	16685670
CIELab	73.00, 32.66, 42.86
CIELCh	73, 53.889, 52.690
Yxy	45.1644, 0.4632, 0.3814
Android (android.graphics.Color)	4294875750 (0xFFFE9A66)
YUV	177.9720, -37.4542, 66.6766
Hunter-Lab	67.2044, 28.0852, 30.8040

Details

The CIELCh color **73, 53.889, 52.690** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 37.228, 247.205**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 34.563, 74.874**, and **53, 53.929, 52.820** is the 20% darker color. If you saturate the color by 10%, you get **69, 64.824, 52.240**, and if you desaturate by 10%, it is **77, 43.348, 53.188**.

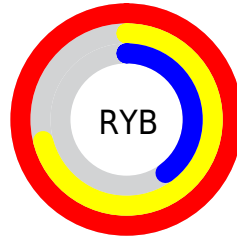
Distribution



Red (100%)

Green (60%)

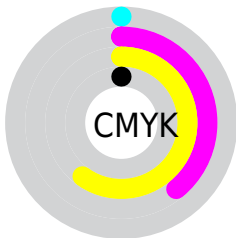
Blue (40%)



Red (100%)

Yellow (71%)

Blue (40%)

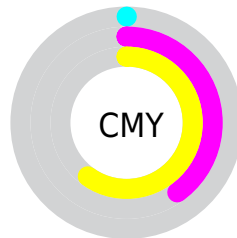


Cyan (0%)

Magenta (39%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 53.889, 52.690 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 73, 53.889, 52.690 by changing the saturation by 10% instead.

73, 53.889, 52.690

73, 53.889, 52.690

100, 53.889,
52.690

63, 53.889, 52.690

93, 53.889, 52.690

53, 53.889, 52.690

43, 53.889, 52.690

33, 53.889, 52.690

23, 53.889, 52.690

13, 53.889, 52.690

3, 53.889, 52.690

0, 53.889, 52.690

73, 53.889, 52.690

73, 53.889, 52.690

69, 64.824, 52.240

77, 43.348, 53.188

66, 75.676, 51.688

81, 33.401, 53.763

63, 85.403, 50.709

86, 24.103, 54.422

60, 92.682, 48.934

90, 15.445, 55.147

60, 92.796, 48.908

95, 7.387, 55.899

100, 0.127,
241.370

100, 0.331,
201.387

Harmonies

Complementary

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



73, 53.889, 52.690



77, 37.228, 247.205

Rectangle

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



73, 53.889, 52.690



73, 53.889, 102.690



73, 53.889, 232.690



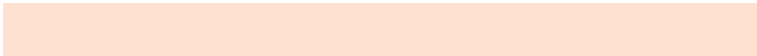
73, 53.889, 282.690

Sweetspot

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



73, 53.887, 52.694



92, 13.966, 55.285



66, 72.200, 340.934



48, 9.808, 55.066



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 53.887, 52.694



69, 67.413, 52.135



91, 63.728, 95.345



51, 4.278, 55.923



46, 74.488, 49.524



14, 28.035, 47.160

Inverse Universe

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



77, 37.228, 247.205



74, 42.795, 251.441



57, 71.799, 293.099



51, 4.085, 237.761



50, 42.471, 263.690



16, 18.195, 256.439

Previews

White Background



This preview shows how the CIELCh color 73, 53.889, 52.690 looks on a white background.

Color Contrast Check

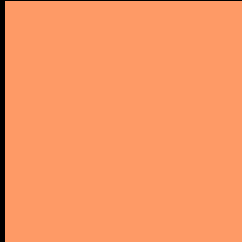
Large Text (above 18pt) WCAG AA × Fail

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 73, 53.889, 52.690 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 73, 53.889, 52.690

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.889, 52.690.



This preview shows how white text looks on a background with the CIELCh color 73, 53.889, 52.690.

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

73, 53.889, 52.690

Protanopia

73, 37.394, 96.046

Deuteranopia

73, 45.094, 77.736



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 53.889, 52.690

Protanomaly
73, 39.764, 76.631

Deuteranomaly
73, 47.154, 67.797

Tritanomaly
73, 44.434, 32.239

Monochromacy



Original Color
73, 53.889, 52.690

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 18.328, 54.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.889, 52.690 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, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 102)  
}
```

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, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.889, 52.690 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, 154, 102) }
```

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

```
.border{ border-color:rgb(254, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.889, 52.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 102) }
```

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

```
.background{ background-color: rgb(254,  
154, 102) }
```

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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