

Converting Colors

CIELCh(71, 62.675, 55.734)

Have a look what the booklet for
CIELCh(71, 62.675, 55.734) contains.

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Color

CIELCh(71, 62.628, 55.531)

Conversions

Conversions Part 1

Format	Color
Hex	FE9250
RGB	254, 146, 80
RGB Percent	100%, 57%, 31%
CMY	0.0041, 0.4276, 0.6864
CMYK	0.00, 0.43, 0.69, 0.00
HSL	23°, 99%, 65%
HSV	23°, 69%, 100%
XYZ	52.5767, 42.1875, 12.9546
YIQ	170.7680, 85.5540, 2.3700

Conversions

Conversions Part 2

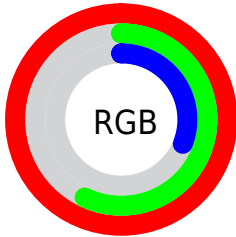
Format	Color
RYB	254, 186, 80
Decimal	16683600
CIELab	71.00, 35.44, 51.63
CIElCh	71, 62.628, 55.531
Yxy	42.1875, 0.4881, 0.3916
Android (android.graphics.Color)	4294873680 (0xFFFE9250)
YUV	170.7680, -44.7486, 72.9945
Hunter-Lab	64.9519, 30.8247, 33.6410

Details

The CIELCh color **71, 62.628, 55.531** 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 **73, 42.886, 255.774**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.076, 75.255**, and **51, 62.535, 55.417** is the 20% darker color. If you saturate the color by 10%, you get **68, 73.185, 54.685**, and if you desaturate by 10%, it is **75, 51.994, 56.274**.

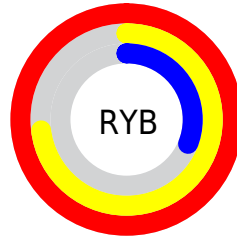
Distribution



Red (100%)

Green (57%)

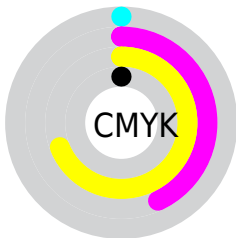
Blue (31%)



Red (100%)

Yellow (73%)

Blue (31%)

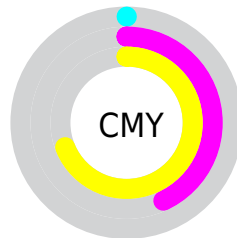


Cyan (0%)

Magenta (43%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 62.628, 55.531 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, 62.628, 55.531 by changing the saturation by 10% instead.

 71, 62.628, 55.531

 71, 62.628, 55.531

 100, 62.628,
55.531

 61, 62.628, 55.531

 91, 62.628, 55.531

 51, 62.628, 55.531

 41, 62.628, 55.531

 31, 62.628, 55.531

 21, 62.628, 55.531

 11, 62.628, 55.531

 1, 62.628, 55.531

 0, 62.628, 55.531

 71, 62.628, 55.531

 71, 62.628, 55.531

68, 73.185, 54.685

75, 51.994, 56.274

64, 82.729, 53.438

79, 41.730, 57.024

62, 89.877, 51.366

83, 32.013, 57.826

61, 90.844, 51.063

87, 22.895, 58.684

91, 14.366, 59.581

96, 6.388, 60.479

100, 0.363,
201.209

Harmonies

Complementary

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



71, 62.628, 55.531



73, 42.886, 255.774

Rectangle

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



71, 62.628, 55.531



71, 62.628, 105.531



71, 62.628, 235.531



71, 62.628, 285.531

Sweetspot

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



71, 62.626, 55.534



91, 16.491, 59.355



62, 78.038, 343.948



47, 11.267, 59.106



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, 62.626, 55.534



67, 76.955, 54.315



91, 73.260, 96.486



51, 4.296, 60.393



47, 72.966, 51.717



14, 27.645, 50.348

Inverse Universe

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



73, 42.886, 255.774



69, 49.341, 261.481



50, 87.042, 296.941



51, 4.123, 242.472



48, 45.621, 269.529



15, 19.241, 262.278

Previews

White Background



This preview shows how the CIELCh color 71, 62.628, 55.531 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, 62.628, 55.531 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, 62.628, 55.531

Background



This preview shows how black text looks on a background with the CIELCh color 71, 62.628, 55.531.



This preview shows how white text looks on a background with the CIELCh color 71, 62.628, 55.531.

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, 46.691, 18.501

Trichromacy



Original Color
71, 62.628, 55.531

Protanomaly
71, 48.176, 77.636

Deuteranomaly
71, 55.459, 70.282

Tritanomaly
71, 49.855, 34.888

Monochromacy



Original Color
71, 62.628, 55.531

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 20.992, 58.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 62.628, 55.531 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, 146, 80)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 80)  
}
```

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, 146, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 62.628, 55.531 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, 146, 80) }
```

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

```
.border{ border-color:rgb(254, 146, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 146, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 80);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 62.628, 55.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 146, 80) }
```

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

```
.background{ background-color: rgb(254,  
146, 80) }
```

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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