

Converting Colors

CIELCh(71, 55.792, 48.187)

Have a look what the booklet for
CIELCh(71, 55.792, 48.187) contains.

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Color

CIELCh(71, 55.724, 48.183)

Conversions

Conversions Part 1

Format	Color
Hex	FE9164
RGB	254, 145, 100
RGB Percent	100%, 57%, 39%
CMY	0.0044, 0.4317, 0.6082
CMYK	0.00, 0.43, 0.61, 0.00
HSL	18°, 99%, 69%
HSV	18°, 61%, 100%
XYZ	53.2363, 42.1875, 17.3700
YIQ	172.4610, 79.4090, 9.1130

Conversions

Conversions Part 2

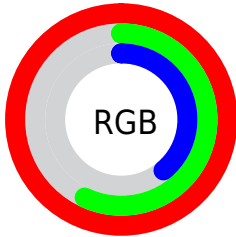
Format	Color
R_{YB}	254, 164, 100
Decimal	16683364
CIE _{Lab}	71.00, 37.15, 41.53
CIE _{LCh}	71, 55.724, 48.183
Yxy	42.1875, 0.4720, 0.3740
Android (android.graphics.Color)	4294873444 (0xFFFE9164)
YUV	172.4610, -35.7233, 71.5097
Hunter-Lab	64.9519, 32.6374, 29.6105

Details

The CIELCh color **71, 55.724, 48.183** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 36.392, 239.634**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 34.243, 66.827**, and **51, 55.709, 48.060** is the 20% darker color. If you saturate the color by 10%, you get **67, 67.031, 48.174**, and if you desaturate by 10%, it is **75, 44.846, 48.291**.

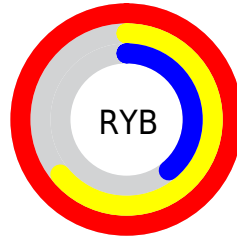
Distribution



Red (100%)

Green (57%)

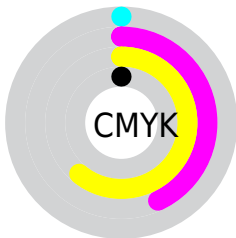
Blue (39%)



Red (100%)

Yellow (64%)

Blue (39%)

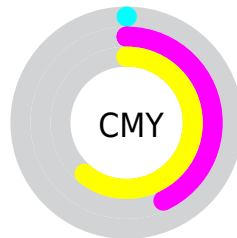


Cyan (0%)

Magenta (43%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 55.724, 48.183 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, 55.724, 48.183 by changing the saturation by 10% instead.

71, 55.724, 48.183

71, 55.724, 48.183

100, 55.724,
48.183

61, 55.724, 48.183

91, 55.724, 48.183

51, 55.724, 48.183

41, 55.724, 48.183

31, 55.724, 48.183

21, 55.724, 48.183

11, 55.724, 48.183

1, 55.724, 48.183

0, 55.724, 48.183

71, 55.724, 48.183

71, 55.724, 48.183

67, 67.031, 48.174

75, 44.846, 48.291

64, 78.263, 48.107

80, 34.609, 48.526

60, 88.287, 47.615

84, 25.075, 48.886

58, 95.311, 46.432

89, 16.238, 49.346

94, 8.054, 49.865

99, 0.468, 49.257

100, 0.388,
201.089

Harmonies

Complementary

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



71, 55.724, 48.183



79, 36.392, 239.634

Rectangle

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



71, 55.724, 48.183



71, 55.724, 98.183



71, 55.724, 228.183



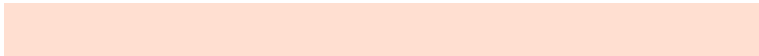
71, 55.724, 278.183

Sweetspot

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



71, 55.722, 48.187



91, 14.059, 49.480



66, 75.260, 338.500



47, 9.882, 49.333



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, 55.722, 48.187



66, 69.961, 48.172



89, 62.089, 91.867



51, 4.297, 49.924



44, 76.536, 46.982



13, 28.659, 43.241

Inverse Universe

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



79, 36.392, 239.634



76, 41.253, 243.582



59, 68.196, 290.779



51, 4.078, 231.377



53, 39.012, 254.790



17, 17.104, 247.838

Previews

White Background



This preview shows how the CIELCh color 71, 55.724, 48.183 looks on a white background.

Color Contrast Check

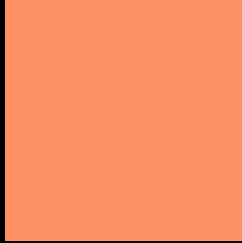
Large Text (above 18pt) WCAG AA × Fail

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, 55.724, 48.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

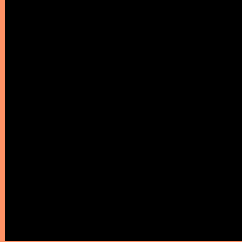
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 55.724, 48.183

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.724, 48.183.

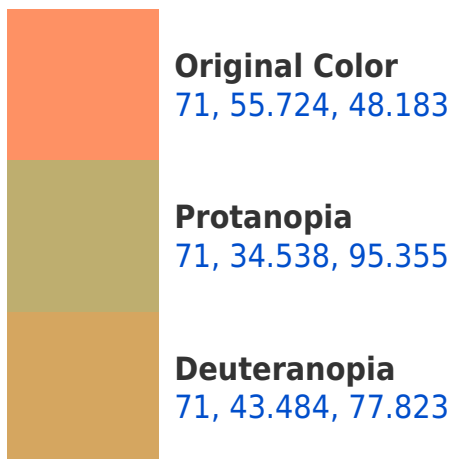


This preview shows how white text looks on a background with the CIELCh color 71, 55.724, 48.183.

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](#).

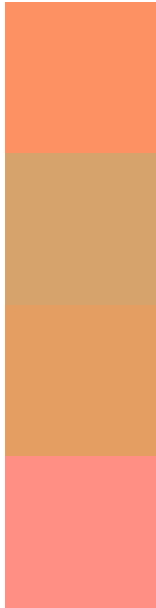
Dichromacy





Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 55.724, 48.183

Protanomaly
70, 37.953, 71.969

Deuteranomaly
71, 46.411, 64.802

Tritanomaly
71, 48.188, 30.305

Monochromacy



Original Color
71, 55.724, 48.183

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.631, 48.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.724, 48.183 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, 145, 100)` looks like.

```
.text, #text, p{  
    color:rgb(254, 145, 100)  
}
```

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, 145, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 145, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.724, 48.183 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, 145, 100) }
```

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

```
.border{ border-color:rgb(254, 145, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 145, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 145, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 145, 100);  
box-shadow:4px 4px 4px 4px rgb(254, 145,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.724, 48.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 145, 100) }
```

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

```
.background{ background-color: rgb(254,  
145, 100) }
```

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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