

Converting Colors

CIELCh(71, 55.341, 48.866)

Have a look what the booklet for
CIELCh(71, 55.341, 48.866) contains.

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Color

CIELCh(71, 55.182, 48.925)

Conversions

Conversions Part 1

Format	Color
Hex	FD9264
RGB	253, 146, 100
RGB Percent	99%, 57%, 39%
CMY	0.0093, 0.4287, 0.6090
CMYK	0.00, 0.42, 0.61, 0.01
HSL	18°, 97%, 69%
HSV	18°, 61%, 99%
XYZ	52.8894, 42.1875, 17.3369
YIQ	172.7490, 78.5380, 8.3780

Conversions

Conversions Part 2

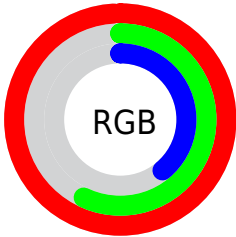
Format	Color
R _Y B	253, 166, 100
Decimal	16618084
CIE Lab	71.00, 36.26, 41.60
CIE LCh	71, 55.182, 48.925
Yxy	42.1875, 0.4705, 0.3753
Android (android.graphics.Color)	4294808164 (0xFFFD9264)
YUV	172.7490, -35.8653, 70.3801
Hunter-Lab	64.9519, 31.6842, 29.6407

Details

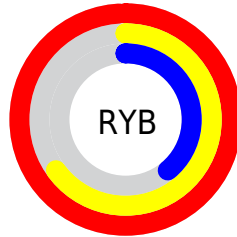
The CIELCh color **71, 55.182, 48.925** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 36.357, 240.946**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 34.336, 67.835**, and **51, 55.465, 49.153** is the 20% darker color. If you saturate the color by 10%, you get **67, 66.382, 48.837**, and if you desaturate by 10%, it is **75, 44.406, 49.103**.

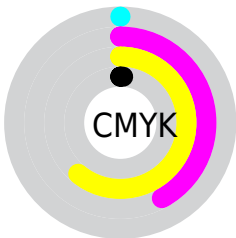
Distribution



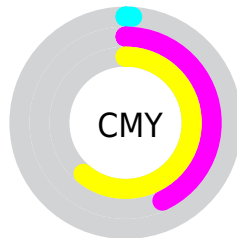
- Red (99%)
- Green (57%)
- Blue (39%)



- Red (99%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (61%)
- Black (1%)



- Cyan (1%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 55.182, 48.925 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, 55.182, 48.925 by changing the saturation by 10% instead.

71, 55.182, 48.925

71, 55.182, 48.925

100, 55.182,
48.925

61, 55.182, 48.925

91, 55.182, 48.925

51, 55.182, 48.925

41, 55.182, 48.925

31, 55.182, 48.925

21, 55.182, 48.925

11, 55.182, 48.925

1, 55.182, 48.925

0, 55.182, 48.925

71, 55.182, 48.925

71, 55.182, 48.925

67, 66.382, 48.837

75, 44.406, 49.103

64, 77.509, 48.684

80, 34.262, 49.398

60, 87.453, 48.105

84, 24.811, 49.810

58, 94.520, 46.827

89, 16.044, 50.318

94, 7.920, 50.878

99, 0.382, 50.034

100, 0.824,
200.158

Harmonies

Complementary

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



71, 55.182, 48.925



79, 36.357, 240.946

Rectangle

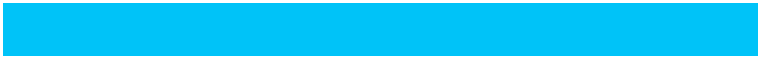
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



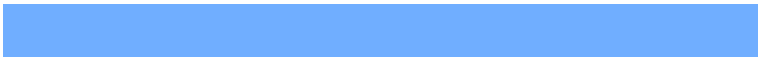
71, 55.182, 48.925



71, 55.182, 98.925



71, 55.182, 228.925



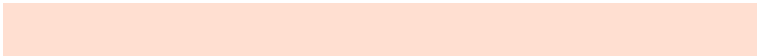
71, 55.182, 278.925

Sweetspot

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



71, 55.180, 48.929



91, 14.033, 50.457



65, 74.062, 339.308



47, 9.862, 50.297



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, 55.180, 48.929



67, 69.695, 48.814



89, 62.501, 93.043



51, 4.290, 50.935



44, 76.193, 47.380



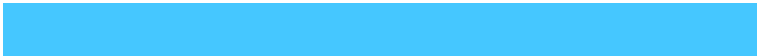
13, 28.547, 43.874

Inverse Universe

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



79, 36.357, 240.946



76, 41.526, 245.018



58, 69.309, 291.623



51, 4.075, 232.457



53, 39.530, 256.381



17, 17.262, 249.349

Previews

White Background



This preview shows how the CIELCh color 71, 55.182, 48.925 looks on a white background.

Color Contrast Check

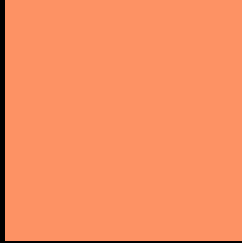
Large Text (above 18pt) WCAG AA × Fail

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, 55.182, 48.925 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, 55.182, 48.925

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.182, 48.925.



This preview shows how white text looks on a background with the CIELCh color 71, 55.182, 48.925.

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, 55.182, 48.925

Protanopia

71, 35.049, 95.455

Deuteranopia

71, 43.947, 78.062



Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 55.182, 48.925

Protanomaly
71, 38.545, 73.237

Deuteranomaly
71, 46.130, 65.930

Tritanomaly
71, 47.771, 30.323

Monochromacy



Original Color
71, 55.182, 48.925

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.261, 48.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.182, 48.925 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(253, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(253, 146, 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(253, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 146, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.182, 48.925 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(253, 146, 100) }
```

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

```
.border{ border-color:rgb(253, 146, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 146, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 146, 100); box-shadow:4px 4px 4px 4px rgb(253, 146, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.182, 48.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 146, 100) }
```

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

```
.background{ background-color: rgb(253,  
146, 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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