

Converting Colors

CIELCh(71, 55.320, 56.213)

Have a look what the booklet for
CIELCh(71, 55.320, 56.213) contains.

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Color

CIELCh(71, 55.270, 56.072)

Conversions

Conversions Part 1

Format	Color
Hex	F6965B
RGB	246, 150, 91
RGB Percent	96%, 59%, 36%
CMY	0.0351, 0.4115, 0.6430
CMYK	0.00, 0.39, 0.63, 0.04
HSL	23°, 90%, 66%
HSV	23°, 63%, 96%
XYZ	50.8302, 42.1875, 15.3719
YIQ	171.9780, 76.1550, 2.0030

Conversions

Conversions Part 2

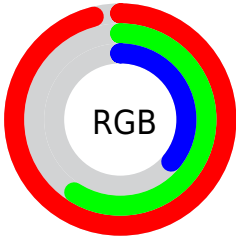
Format	Color
RYB	246, 186, 91
Decimal	16160347
CIELab	71.00, 30.85, 45.86
CIELCh	71, 55.270, 56.072
Yxy	42.1875, 0.4690, 0.3892
Android (android.graphics.Color)	4294350427 (0xFFFF6965B)
YUV	171.9780, -39.9222, 64.9173
Hunter-Lab	64.9519, 26.0251, 31.4344

Details

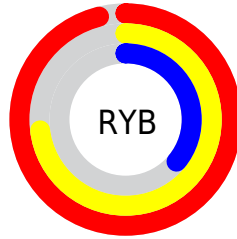
The CIELCh color **71, 55.270, 56.072** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **73, 39.184, 253.932**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 38.807, 75.153**, and **51, 55.265, 55.956** is the 20% darker color. If you saturate the color by 10%, you get **67, 65.665, 55.302**, and if you desaturate by 10%, it is **75, 45.082, 56.821**.

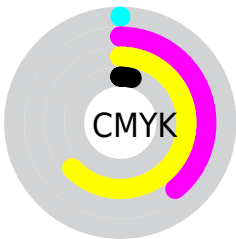
Distribution



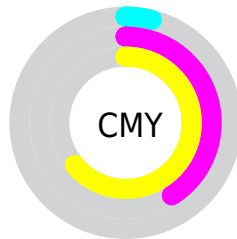
- Red (96%)
- Green (59%)
- Blue (36%)



- Red (96%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 55.270, 56.072 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, 55.270, 56.072 by changing the saturation by 10% instead.

71, 55.270, 56.072

71, 55.270, 56.072

100, 55.270,
56.072

61, 55.270, 56.072

91, 55.270, 56.072

51, 55.270, 56.072

41, 55.270, 56.072

31, 55.270, 56.072

21, 55.270, 56.072

11, 55.270, 56.072

1, 55.270, 56.072

0, 55.270, 56.072

71, 55.270, 56.072

71, 55.270, 56.072

67, 65.665, 55.302

75, 45.082, 56.821

64, 75.663, 54.319

79, 35.370, 57.604

61, 84.074, 52.740

83, 26.226, 58.443

59, 88.577, 51.209

87, 17.663, 59.330

91, 9.653, 60.241

96, 2.151, 61.008

99, 3.095, 199.423

Harmonies

Complementary

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



71, 55.270, 56.072



73, 39.184, 253.932

Rectangle

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



71, 55.270, 56.072



71, 55.270, 106.072



71, 55.270, 236.072



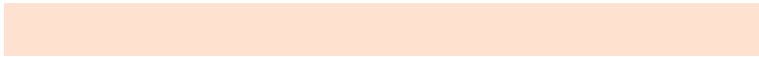
71, 55.270, 286.072

Sweetspot

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



71, 55.269, 56.076



92, 14.822, 59.690



62, 71.752, 343.133



48, 10.300, 59.429



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, 55.269, 56.076



69, 70.787, 55.029



89, 66.670, 97.096



49, 4.155, 60.555



46, 71.414, 51.872



13, 25.196, 49.670

Inverse Universe

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



73, 39.184, 253.932



70, 46.683, 259.001



52, 77.267, 295.431



49, 3.989, 242.634



47, 44.766, 269.620



13, 18.095, 261.592

Previews

White Background



This preview shows how the CIELCh color 71, 55.270, 56.072 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, 55.270, 56.072 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, 55.270, 56.072

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.270, 56.072.



This preview shows how white text looks on a background with the CIELCh color 71, 55.270, 56.072.

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, 43.275, 16.895

Trichromacy



Original Color
71, 55.270, 56.072

Protanomaly
71, 42.835, 78.046

Deuteranomaly
71, 49.727, 69.752

Tritanomaly
71, 44.958, 34.273

Monochromacy



Original Color
71, 55.270, 56.072

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.486, 58.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.270, 56.072 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(246, 150, 91)` looks like.

```
.text, #text, p{  
    color:rgb(246, 150, 91)  
}
```

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(246, 150, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 150, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.270, 56.072 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(246, 150, 91) }
```

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

```
.border{ border-color:rgb(246, 150, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 150, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 150, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 150, 91); box-shadow:4px 4px 4px 4px rgb(246, 150, 91) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.270, 56.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 150, 91) }
```

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

```
.background{ background-color: rgb(246,  
150, 91) }
```

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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