

Converting Colors

CIELCh(71, 63.844, 56.090)

Have a look what the booklet for
CIELCh(71, 63.844, 56.090) contains.

CIELCh(71, 63.714, 56.365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 63.714, 56.365)

Conversions

Conversions Part 1

Format	Color
Hex	FE924D
RGB	254, 146, 77
RGB Percent	100%, 57%, 30%
CMY	0.0037, 0.4273, 0.6979
CMYK	0.00, 0.43, 0.70, 0.00
HSL	23°, 99%, 65%
HSV	23°, 70%, 100%
XYZ	52.5176, 42.1875, 12.4037
YIQ	170.4260, 86.5170, 1.4370

Conversions

Conversions Part 2

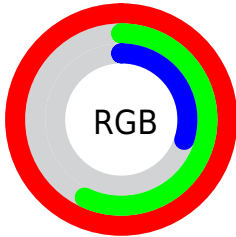
Format	Color
RYB	254, 190, 77
Decimal	16683597
CIELab	71.00, 35.29, 53.05
CIElCh	71, 63.714, 56.365
Yxy	42.1875, 0.4903, 0.3939
Android (android.graphics.Color)	4294873677 (0xFFFE924D)
YUV	170.4260, -46.0590, 73.2944
Hunter-Lab	64.9519, 30.6624, 34.1439

Details

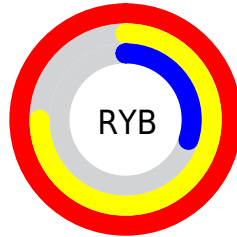
The CIELCh color **71, 63.714, 56.365** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **72, 44.036, 257.748**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 44.423, 76.072**, and **51, 63.719, 56.261** is the 20% darker color. If you saturate the color by 10%, you get **68, 74.112, 55.407**, and if you desaturate by 10%, it is **75, 53.134, 57.187**.

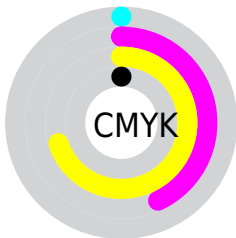
Distribution



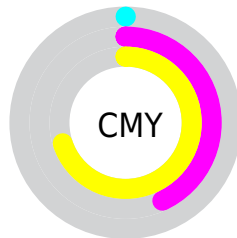
- Red (100%)
- Green (57%)
- Blue (30%)



- Red (100%)
- Yellow (75%)
- Blue (30%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 63.714, 56.365 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, 63.714, 56.365 by changing the saturation by 10% instead.

71, 63.714, 56.365

71, 63.714, 56.365

100, 63.714,
56.365

61, 63.714, 56.365

91, 63.714, 56.365

51, 63.714, 56.365

41, 63.714, 56.365

31, 63.714, 56.365

21, 63.714, 56.365

11, 63.714, 56.365

1, 63.714, 56.365

0, 63.714, 56.365

71, 63.714, 56.365

71, 63.714, 56.365

68, 74.112, 55.407

75, 53.134, 57.187

65, 83.320, 53.992

79, 42.868, 57.998

62, 90.124, 51.785

83, 33.117, 58.851

62, 90.334, 51.718

87, 23.947, 59.751

91, 15.355, 60.689

95, 7.307, 61.630

100, 0.246,
244.897

100, 0.330,
201.391

Harmonies

Complementary

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



71, 63.714, 56.365



72, 44.036, 257.748

Rectangle

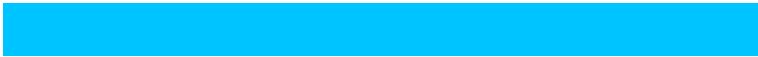
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 63.714, 56.365



71, 63.714, 106.365



71, 63.714, 236.365



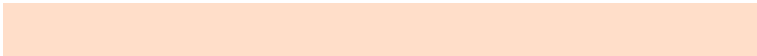
71, 63.714, 286.365

Sweetspot

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



71, 63.712, 56.368



91, 16.513, 60.563



62, 78.165, 345.130



47, 11.279, 60.302



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, 63.712, 56.368



66, 78.562, 54.875



92, 75.161, 97.407



51, 4.305, 61.646



47, 72.545, 52.382



14, 27.549, 51.284

Inverse Universe

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



72, 44.036, 257.748



67, 51.094, 263.969



49, 90.527, 297.936



51, 4.138, 243.784



48, 46.587, 271.055



14, 19.570, 263.831

Previews

White Background



This preview shows how the CIELCh color 71, 63.714, 56.365 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, 63.714, 56.365 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, 63.714, 56.365

Background



This preview shows how black text looks on a background with the CIELCh color 71, 63.714, 56.365.



This preview shows how white text looks on a background with the CIELCh color 71, 63.714, 56.365.

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, 63.714, 56.365

Protanomaly
71, 49.524, 78.227

Deuteranomaly
71, 56.693, 70.911

Tritanomaly
71, 50.087, 35.435

Monochromacy



Original Color
71, 63.714, 56.365

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 21.735, 58.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 63.714, 56.365 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 63.714, 56.365 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, 77) }
```

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

```
.border{ border-color:rgb(254, 146, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 63.714, 56.365 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, 77) }
```

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

```
.background{ background-color: rgb(254,  
146, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor