

Converting Colors

CIELCh(71, 49.844, 59.269)

Have a look what the booklet for
CIELCh(71, 49.844, 59.269) contains.

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Color

CIELCh(71, 49.876, 59.282)

Conversions

Conversions Part 1

Format	Color
Hex	ED9A60
RGB	237, 154, 96
RGB Percent	93%, 60%, 38%
CMY	0.0687, 0.3944, 0.6220
CMYK	0.00, 0.35, 0.59, 0.07
HSL	25°, 80%, 65%
HSV	25°, 59%, 93%
XYZ	48.8385, 42.1875, 16.7304
YIQ	172.2050, 68.0860, -0.4420

Conversions

Conversions Part 2

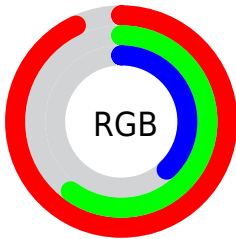
Format	Color
R _Y B	237, 195, 96
Decimal	15571552
CIE Lab	71.00, 25.48, 42.88
CIE LCh	71, 49.876, 59.282
Yxy	42.1875, 0.4532, 0.3915
Android (android.graphics.Color)	4293761632 (0xFFED9A60)
YUV	172.2050, -37.5691, 56.8252
Hunter-Lab	64.9519, 20.5515, 30.1943

Details

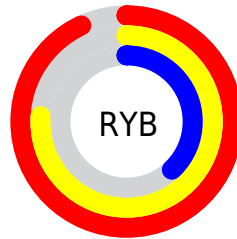
The CIELCh color **71, 49.876, 59.282** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70, 37.528, 256.974**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 37.273, 77.002**, and **51, 49.918, 59.102** is the 20% darker color. If you saturate the color by 10%, you get **68, 59.735, 58.331**, and if you desaturate by 10%, it is **75, 40.277, 60.219**.

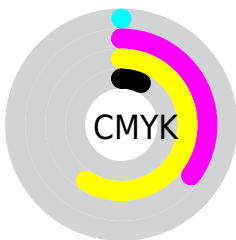
Distribution



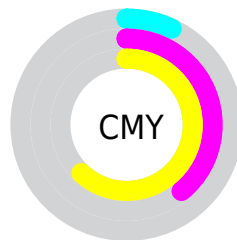
- Red (93%)
- Green (60%)
- Blue (38%)



- Red (93%)
- Yellow (76%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 49.876, 59.282 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, 49.876, 59.282 by changing the saturation by 10% instead.

71, 49.876, 59.282

71, 49.876, 59.282

100, 49.876,
59.282

61, 49.876, 59.282

91, 49.876, 59.282

51, 49.876, 59.282

41, 49.876, 59.282

31, 49.876, 59.282

21, 49.876, 59.282

11, 49.876, 59.282

1, 49.876, 59.282

0, 49.876, 59.282

71, 49.876, 59.282

71, 49.876, 59.282

68, 59.735, 58.331

75, 40.277, 60.219

64, 69.405, 57.225

78, 31.132, 61.178

62, 77.970, 55.682

82, 22.502, 62.169

59, 84.355, 53.392

86, 14.389, 63.186

59, 84.717, 53.266

90, 6.763, 64.195

94, 0.420, 246.502

98, 5.245, 214.565

99, 6.017, 199.134

Harmonies

Complementary

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



71, 49.876, 59.282



70, 37.528, 256.974

Rectangle

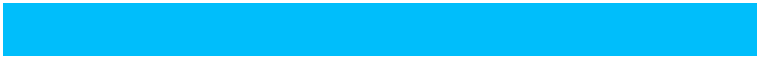
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 49.876, 59.282



71, 49.876, 109.282



71, 49.876, 239.282



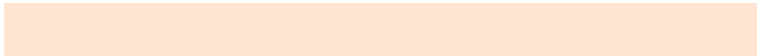
71, 49.876, 289.282

Sweetspot

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



71, 49.875, 59.286



92, 14.079, 63.322



62, 65.368, 344.508



48, 9.873, 63.024



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, 49.875, 59.286



72, 64.981, 58.142



88, 63.246, 99.461



48, 4.116, 64.187



46, 69.497, 53.915



12, 23.719, 52.136

Inverse Universe

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



70, 37.528, 256.974



71, 46.145, 261.296



52, 73.241, 295.896



48, 3.970, 246.423



44, 47.086, 273.856



12, 18.361, 265.493

Previews

White Background



This preview shows how the CIELCh color 71, 49.876, 59.282 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, 49.876, 59.282 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, 49.876, 59.282

Background



This preview shows how black text looks on a background with the CIELCh color 71, 49.876, 59.282.



This preview shows how white text looks on a background with the CIELCh color 71, 49.876, 59.282.

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, 38.268, 14.532

Trichromacy



Original Color
71, 49.876, 59.282

Protanomaly
71, 40.215, 80.009

Deuteranomaly
71, 45.709, 70.857

Tritanomaly
71, 38.862, 33.861

Monochromacy



Original Color
71, 49.876, 59.282

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.839, 62.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 49.876, 59.282 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(237, 154, 96)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 96)  
}
```

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(237, 154, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 49.876, 59.282 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(237, 154, 96) }
```

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

```
.border{ border-color:rgb(237, 154, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 96);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 49.876, 59.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 96) }
```

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

```
.background{ background-color: rgb(237,  
154, 96) }
```

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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