

Converting Colors

CIELCh(77, 79.928, 40.017)

Have a look what the booklet for
CIELCh(77, 79.928, 40.017) contains.

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Color

CIELCh(69, 58.301, 43.976)

Conversions

Conversions Part 1

Format	Color
Hex	FE8761
RGB	254, 135, 97
RGB Percent	100%, 53%, 38%
CMY	0.0036, 0.4697, 0.6185
CMYK	0.00, 0.47, 0.62, 0.00
HSL	15°, 99%, 69%
HSV	15°, 62%, 100%
XYZ	51.7698, 39.3444, 16.2423
YIQ	166.2490, 83.1220, 13.4100

Conversions

Conversions Part 2

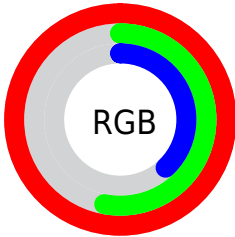
Format	Color
R_{YB}	254, 147, 97
Decimal	16680801
CIE _{Lab}	69.00, 41.96, 40.48
CIE _{LCh}	69, 58.301, 43.976
Yxy	39.3444, 0.4822, 0.3665
Android (android.graphics.Color)	4294870881 (0xFFFE8761)
YUV	166.2490, -34.1398, 76.9576
Hunter-Lab	62.7251, 37.5550, 28.5548

Details

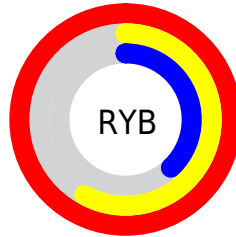
The CIELCh color **69, 58.301, 43.976** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 36.287, 231.745**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.404, 58.932**, and **49, 58.455, 43.782** is the 20% darker color. If you saturate the color by 10%, you get **65, 69.965, 44.467**, and if you desaturate by 10%, it is **73, 47.049, 43.643**.

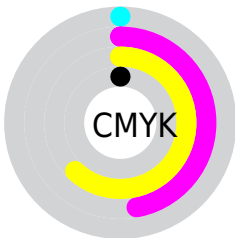
Distribution



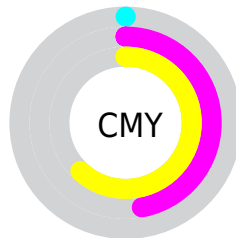
- Red (100%)
- Green (53%)
- Blue (38%)



- Red (100%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 58.301, 43.976 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 69, 58.301, 43.976 by changing the saturation by 10% instead.

69, 58.301, 43.976

69, 58.301, 43.976

100, 58.301,
43.976

59, 58.301, 43.976

89, 58.301, 43.976

49, 58.301, 43.976

99, 58.301, 43.976

39, 58.301, 43.976

29, 58.301, 43.976

19, 58.301, 43.976

9, 58.301, 43.976

0, 58.301, 43.976

69, 58.301, 43.976

69, 58.301, 43.976

65, 69.965, 44.467

73, 47.049, 43.643

61, 81.481, 44.947

78, 36.451, 43.493

59, 91.584, 44.984

83, 26.588, 43.515

57, 97.793, 44.398

88, 17.465, 43.678

93, 9.044, 43.935

99, 1.270, 43.882

100, 0.317,
201.474

Harmonies

Complementary

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



69, 58.301, 43.976



81, 36.287, 231.745

Rectangle

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



69, 58.301, 43.976



69, 58.301, 93.976



69, 58.301, 223.976



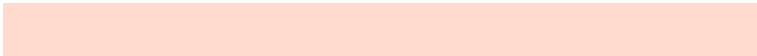
69, 58.301, 273.976

Sweetspot

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



69, 58.299, 43.979



90, 15.155, 43.741



66, 78.836, 336.255



46, 10.554, 43.675



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 58.299, 43.979



64, 72.855, 44.588



87, 60.972, 88.039



50, 4.363, 43.995



43, 78.501, 44.873



12, 29.364, 39.739

Inverse Universe

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



81, 36.287, 231.745



79, 40.435, 235.129



60, 64.921, 288.227



51, 4.121, 225.010



56, 36.560, 244.702



18, 16.408, 238.484

Previews

White Background



This preview shows how the CIELCh color 69, 58.301, 43.976 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 69, 58.301, 43.976 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 69, 58.301, 43.976

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.301, 43.976.



This preview shows how white text looks on a background with the CIELCh color 69, 58.301, 43.976.

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

69, 58.392, 43.986

Protanopia

69, 32.462, 96.264

Deuteranopia

69, 42.794, 78.410



Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 58.392, 43.986

Protanomaly
69, 37.025, 69.190

Deuteranomaly
69, 45.882, 63.195

Tritanomaly
69, 52.374, 29.909

Monochromacy



Original Color
69, 58.392, 43.986

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.406, 43.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.301, 43.976 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, 135, 97)` looks like.

```
.text, #text, p{  
    color:rgb(254, 135, 97)  
}
```

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, 135, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 135, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.301, 43.976 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, 135, 97) }
```

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

```
.border{ border-color:rgb(254, 135, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 135, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 135, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 135, 97);  
box-shadow:4px 4px 4px 4px rgb(254, 135,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.301, 43.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 135, 97) }
```

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

```
.background{ background-color: rgb(254,  
135, 97) }
```

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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