

Converting Colors

CIELCh(69, 65.895, 52.383)

Have a look what the booklet for
CIELCh(69, 65.895, 52.383) contains.

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Color

CIELCh(69, 65.895, 52.383)

Conversions

Conversions Part 1

Format	Color
Hex	FE884A
RGB	254, 136, 74
RGB Percent	100%, 53%, 29%
CMY	0.0024, 0.4653, 0.7086
CMYK	0.00, 0.46, 0.71, 0.00
HSL	21°, 99%, 64%
HSV	21°, 71%, 100%
XYZ	51.1130, 39.3444, 11.4334
YIQ	164.2140, 90.2300, 5.7340

Conversions

Conversions Part 2

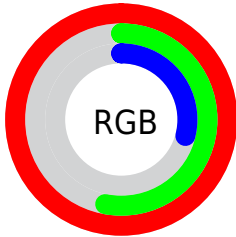
Format	Color
RYB	254, 169, 74
Decimal	16681034
CIELab	69.00, 40.22, 52.20
CIELCh	69, 65.895, 52.383
Yxy	39.3444, 0.5016, 0.3861
Android (android.graphics.Color)	4294871114 (0xFFFE884A)
YUV	164.2140, -44.4755, 78.7423
Hunter-Lab	62.7251, 35.6860, 33.1003

Details

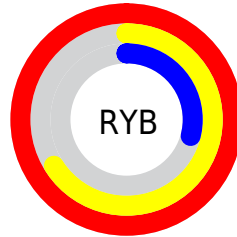
The CIELCh color **69, 65.895, 52.383** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **74, 42.307, 251.335**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 44.844, 69.717**, and **49, 65.802, 52.575** is the 20% darker color. If you saturate the color by 10%, you get **66, 76.684, 51.790**, and if you desaturate by 10%, it is **73, 54.943, 52.861**.

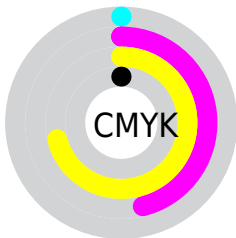
Distribution



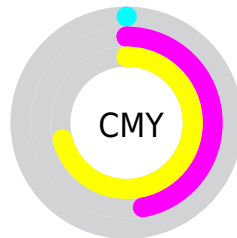
- Red (100%)
- Green (53%)
- Blue (29%)



- Red (100%)
- Yellow (66%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 65.895, 52.383 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, 65.895, 52.383 by changing the saturation by 10% instead.

69, 65.895, 52.383

69, 65.895, 52.383

100, 65.895,
52.383

59, 65.895, 52.383

89, 65.895, 52.383

49, 65.895, 52.383

99, 65.895, 52.383

39, 65.895, 52.383

29, 65.895, 52.383

19, 65.895, 52.383

9, 65.895, 52.383

0, 65.895, 52.383

69, 65.895, 52.383

69, 65.895, 52.383

66, 76.684, 51.790

73, 54.943, 52.861

62, 86.206, 50.719

77, 44.356, 53.365

60, 92.774, 49.031

81, 34.347, 53.947

86, 24.984, 54.611

90, 16.261, 55.342

95, 8.141, 56.105

99, 0.570, 56.001

100, 0.212,
202.523

Harmonies

Complementary

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



69, 65.895, 52.383



74, 42.307, 251.335

Rectangle

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



69, 65.895, 52.383



69, 65.895, 102.383



69, 65.895, 232.383



69, 65.895, 282.383

Sweetspot

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



69, 65.893, 52.386



90, 16.471, 55.326



62, 81.355, 342.355



47, 11.261, 55.119



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, 65.893, 52.386



64, 81.097, 51.426



89, 73.484, 94.044



51, 4.279, 56.201



46, 74.393, 49.652



14, 28.009, 47.352

Inverse Universe

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



74, 42.307, 251.335



70, 48.041, 257.436



50, 86.664, 296.139



51, 4.086, 238.055



50, 42.653, 264.071



16, 18.254, 256.815

Previews

White Background



This preview shows how the CIELCh color 69, 65.895, 52.383 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, 65.895, 52.383 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, 65.895, 52.383

Background



This preview shows how black text looks on a background with the CIELCh color 69, 65.895, 52.383.



This preview shows how white text looks on a background with the CIELCh color 69, 65.895, 52.383.

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, 65.895, 52.383

Protanopia

69, 45.355, 95.471

Deuteranopia

69, 54.283, 80.268



Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 65.895, 52.383

Protanomaly
69, 48.618, 75.146

Deuteranomaly
69, 56.715, 68.356

Tritanomaly
69, 54.062, 34.143

Monochromacy



Original Color
69, 65.895, 52.383

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 22.228, 54.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 65.895, 52.383 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, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 136, 74)  
}
```

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, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 136, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 65.895, 52.383 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, 136, 74) }
```

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

```
.border{ border-color:rgb(254, 136, 74) }
```

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

Here you see how a box with a 4 pixel rgb(254, 136, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 136,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 65.895, 52.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 136, 74) }
```

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

```
.background{ background-color: rgb(254,  
136, 74) }
```

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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