

Converting Colors

CIELCh(74, 69.746, 38.094)

Have a look what the booklet for
CIELCh(74, 69.746, 38.094) contains.

CIELCh(69, 55.925, 40.538)	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(69, 55.925, 40.538)

Conversions

Conversions Part 1

Format	Color
Hex	FE8769
RGB	254, 135, 105
RGB Percent	100%, 53%, 41%
CMY	0.0050, 0.4709, 0.5883
CMYK	0.00, 0.47, 0.59, 0.00
HSL	12°, 98%, 70%
HSV	12°, 59%, 100%
XYZ	51.9779, 39.3444, 18.2160
YIQ	167.1610, 80.5540, 15.8980

Conversions

Conversions Part 2

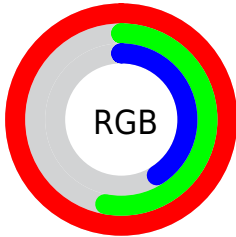
Format	Color
R _Y B	254, 143, 105
Decimal	16680809
CIE Lab	69.00, 42.50, 36.35
CIE LCh	69, 55.925, 40.538
Yxy	39.3444, 0.4745, 0.3592
Android (android.graphics.Color)	4294870889 (0xFFFE8769)
YUV	167.1610, -30.6454, 76.1578
Hunter-Lab	62.7251, 38.1473, 26.6892

Details

The CIELCh color **69, 55.925, 40.538** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 35.141, 224.524**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 32.185, 53.275**, and **49, 55.904, 40.374** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.712, 41.398**, and if you desaturate by 10%, it is **74, 44.630, 39.915**.

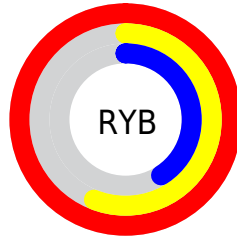
Distribution



Red (100%)

Green (53%)

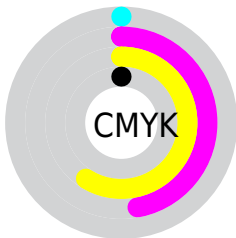
Blue (41%)



Red (100%)

Yellow (56%)

Blue (41%)

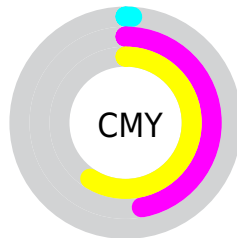


Cyan (0%)

Magenta (47%)

Yellow (59%)

Black (0%)



Cyan (1%)

Magenta (47%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 55.925, 40.538 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, 55.925, 40.538 by changing the saturation by 10% instead.

 69, 55.925, 40.538

 69, 55.925, 40.538

 100, 55.925,
40.538

 59, 55.925, 40.538

 89, 55.925, 40.538

 49, 55.925, 40.538

 99, 55.925, 40.538

 39, 55.925, 40.538

 29, 55.925, 40.538

 19, 55.925, 40.538

 9, 55.925, 40.538

 0, 55.925, 40.538

 69, 55.925, 40.538

 69, 55.925, 40.538

 65, 67.712, 41.398

 74, 44.630, 39.915

61, 79.549, 42.381

79, 34.026, 39.522

58, 90.416, 43.149

84, 24.176, 39.330

56, 98.483, 43.068

89, 15.080, 39.296

55, 99.446, 43.075

95, 6.698, 39.352

100, 0.439,
200.888

Harmonies

Complementary

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



69, 55.925, 40.538



84, 35.141, 224.524

Rectangle

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



69, 55.925, 40.538



69, 55.925, 90.538



69, 55.925, 220.538



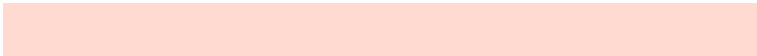
69, 55.925, 270.538

Sweetspot

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



69, 55.923, 40.542



90, 14.597, 39.297



67, 77.365, 334.548



46, 10.268, 39.292



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, 55.923, 40.542



65, 69.637, 41.532



86, 56.748, 85.878



50, 4.450, 39.347



42, 79.952, 43.481



12, 29.962, 37.241

Inverse Universe

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



84, 35.141, 224.524



82, 39.106, 226.865



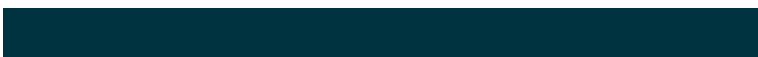
63, 58.504, 285.193



52, 4.192, 219.991



58, 35.419, 235.937



19, 16.155, 230.636

Previews

White Background



This preview shows how the CIELCh color 69, 55.925, 40.538 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, 55.925, 40.538 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, 55.925, 40.538

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.925, 40.538.



This preview shows how white text looks on a background with the CIELCh color 69, 55.925, 40.538.

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, 56.011, 40.555

Protanopia

69, 28.210, 96.113

Deuteranopia

69, 38.812, 76.791



Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 56.011, 40.555

Protanomaly
69, 33.217, 65.971

Deuteranomaly
69, 42.623, 59.974

Tritanomaly
69, 52.139, 27.732

Monochromacy



Original Color
69, 56.011, 40.555

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.068, 39.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.925, 40.538 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 135, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 135, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.925, 40.538 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, 105) }
```

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

```
.border{ border-color:rgb(254, 135, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 135, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 135, 105);  
box-shadow:4px 4px 4px 4px rgb(254, 135,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.925, 40.538 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, 105) }
```

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

```
.background{ background-color: rgb(254,  
135, 105) }
```

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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