

Converting Colors

CIELCh(70, 58.263, 45.140)

Have a look what the booklet for
CIELCh(70, 58.263, 45.140) contains.

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Color

CIELCh(70, 57.754, 45.544)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B62
RGB	255, 139, 98
RGB Percent	100%, 55%, 38%
CMY	0.0000, 0.4538, 0.6147
CMYK	0.00, 0.45, 0.61, 0.00
HSL	16°, 100%, 69%
HSV	16°, 61%, 100%
XYZ	52.8436, 40.7494, 16.6975
YIQ	169.0100, 82.2970, 11.8410

Conversions

Conversions Part 2

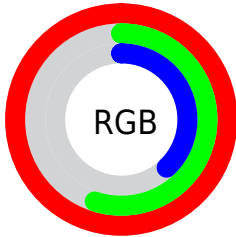
Format	Color
R_{YB}	255, 153, 98
Decimal	16747362
CIE _{Lab}	70.00, 40.45, 41.22
CIE _{LCh}	70, 57.754, 45.544
Yxy	40.7494, 0.4791, 0.3695
Android (android.graphics.Color)	4294937442 (0xFFFF8B62)
YUV	169.0100, -35.0079, 75.4132
Hunter-Lab	63.8353, 36.0527, 29.1761

Details

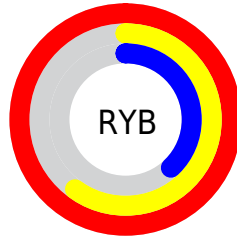
The CIELCh color **70, 57.754, 45.544** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 36.437, 234.914**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 34.694, 61.808**, and **50, 57.524, 45.706** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.199, 45.876**, and if you desaturate by 10%, it is **74, 46.475, 45.428**.

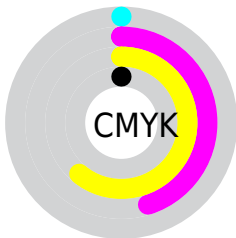
Distribution



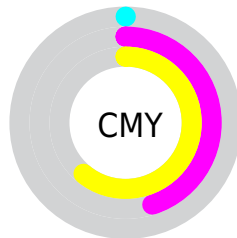
- Red (100%)
- Green (55%)
- Blue (38%)



- Red (100%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 57.754, 45.544 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 70, 57.754, 45.544 by changing the saturation by 10% instead.

70, 57.754, 45.544

70, 57.754, 45.544

100, 57.754,
45.544

60, 57.754, 45.544

90, 57.754, 45.544

50, 57.754, 45.544

40, 57.754, 45.544

30, 57.754, 45.544

20, 57.754, 45.544

10, 57.754, 45.544

0, 57.754, 45.544

70, 57.754, 45.544

70, 57.754, 45.544

66, 69.199, 45.876

74, 46.475, 45.428

62, 80.643, 46.132

79, 35.977, 45.430

59, 90.730, 45.941

84, 26.206, 45.585

57, 97.141, 45.136

89, 17.162, 45.866

94, 8.807, 46.227

99, 1.082, 46.192

100, 0.012,
296.813

Harmonies

Complementary

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



70, 57.754, 45.544



81, 36.437, 234.914

Rectangle

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



70, 57.754, 45.544



70, 57.754, 95.544



70, 57.754, 225.544



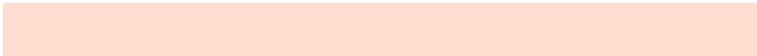
70, 57.754, 275.544

Sweetspot

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



70, 57.625, 45.590



91, 14.188, 45.985



66, 77.969, 336.997



47, 9.976, 45.884



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 57.625, 45.590



65, 72.140, 45.955



88, 61.612, 89.333



50, 4.331, 46.300



43, 77.749, 45.648



12, 29.081, 41.058

Inverse Universe

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



81, 36.437, 234.914



77, 40.781, 238.626



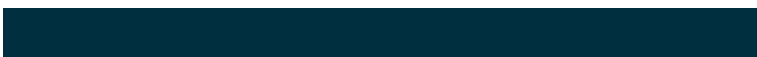
60, 66.360, 289.150



51, 4.098, 227.491



55, 37.389, 248.778



17, 16.631, 242.216

Previews

White Background



This preview shows how the CIELCh color 70, 57.754, 45.544 looks on a white background.

Color Contrast Check

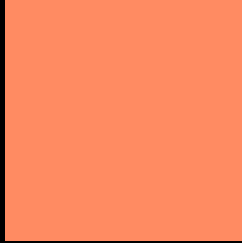
Large Text (above 18pt) WCAG AA × Fail

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 70, 57.754, 45.544 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 70, 57.754, 45.544

Background



This preview shows how black text looks on a background with the CIELCh color 70, 57.754, 45.544.

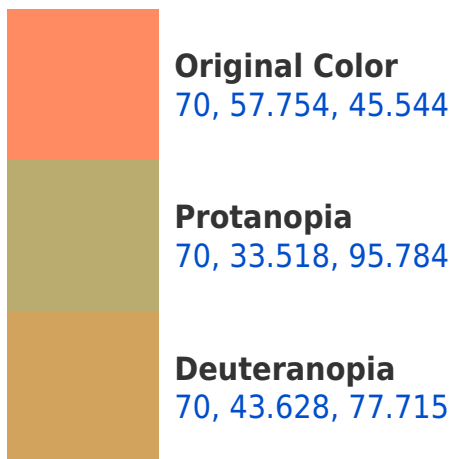


This preview shows how white text looks on a background with the CIELCh color 70, 57.754, 45.544.

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
70, 48.969, 19.149

Trichromacy



Original Color
70, 57.754, 45.544

Protanomaly
69, 37.368, 69.659

Deuteranomaly
70, 46.496, 63.252

Tritanomaly
70, 50.613, 30.371

Monochromacy



Original Color
70, 57.754, 45.544

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 19.207, 45.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 57.754, 45.544 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(255, 139, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 98)  
}
```

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(255, 139, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 57.754, 45.544 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(255, 139, 98) }
```

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

```
.border{ border-color:rgb(255, 139, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 57.754, 45.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 98) }
```

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

```
.background{ background-color: rgb(255,  
139, 98) }
```

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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