

Converting Colors

CIELCh(71, 54.189, 44.577)

Have a look what the booklet for
CIELCh(71, 54.189, 44.577) contains.

CIELCh(71, 54.041, 44.511)	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(71, 54.041, 44.511)

Conversions

Conversions Part 1

Format	Color
Hex	FF906B
RGB	255, 144, 107
RGB Percent	100%, 56%, 42%
CMY	0.0007, 0.4358, 0.5809
CMYK	0.00, 0.44, 0.58, 0.00
HSL	15°, 100%, 71%
HSV	15°, 58%, 100%
XYZ	53.7741, 42.1875, 19.1804
YIQ	172.9710, 78.0330, 12.0250

Conversions

Conversions Part 2

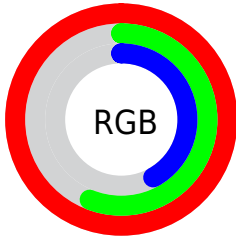
Format	Color
R_{YB}	255, 156, 107
Decimal	16748651
CIE _{Lab}	71.00, 38.54, 37.89
CIE _{LCh}	71, 54.041, 44.511
Yxy	42.1875, 0.4670, 0.3664
Android (android.graphics.Color)	4294938731 (0xFFFF906B)
YUV	172.9710, -32.5237, 71.9394
Hunter-Lab	64.9519, 34.1154, 27.9579

Details

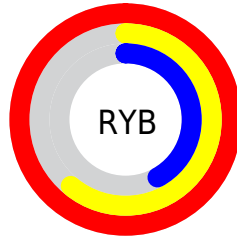
The CIELCh color **71, 54.041, 44.511** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 34.959, 232.201**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 31.363, 61.910**, and **51, 53.945, 44.479** is the 20% darker color. If you saturate the color by 10%, you get **67, 65.575, 44.880**, and if you desaturate by 10%, it is **76, 43.031, 44.312**.

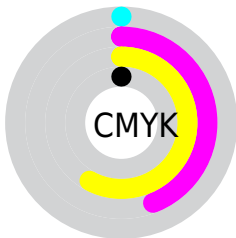
Distribution



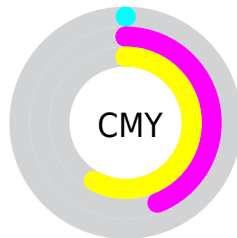
- Red (100%)
- Green (56%)
- Blue (42%)



- Red (100%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 54.041, 44.511 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, 54.041, 44.511 by changing the saturation by 10% instead.

71, 54.041, 44.511

71, 54.041, 44.511

100, 54.041,
44.511

61, 54.041, 44.511

91, 54.041, 44.511

51, 54.041, 44.511

41, 54.041, 44.511

31, 54.041, 44.511

21, 54.041, 44.511

11, 54.041, 44.511

1, 54.041, 44.511

0, 54.041, 44.511

71, 54.041, 44.511

71, 54.041, 44.511

67, 65.575, 44.880

76, 43.031, 44.312

63, 77.225, 45.304

80, 32.718, 44.285

60, 88.034, 45.478

85, 23.145, 44.414

57, 96.263, 44.810

90, 14.298, 44.663

57, 97.643, 44.688

96, 6.130, 44.970

100, 0.060,
210.565

Harmonies

Complementary

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



71, 54.041, 44.511



82, 34.959, 232.201

Rectangle

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



71, 54.041, 44.511



71, 54.041, 94.511



71, 54.041, 224.511



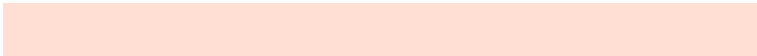
71, 54.041, 274.511

Sweetspot

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



71, 54.039, 44.515



91, 13.405, 44.694



67, 74.538, 336.686



47, 9.040, 44.635



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, 54.039, 44.515



66, 67.878, 44.963



88, 58.382, 89.805



50, 4.349, 44.928



43, 78.198, 45.180



12, 29.248, 40.267

Inverse Universe

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



82, 34.959, 232.201



79, 39.347, 235.312



62, 62.317, 288.180



51, 4.111, 226.016



56, 36.876, 246.376



18, 16.491, 240.010

Previews

White Background



This preview shows how the CIELCh color 71, 54.041, 44.511 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, 54.041, 44.511 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, 54.041, 44.511

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.041, 44.511.



This preview shows how white text looks on a background with the CIELCh color 71, 54.041, 44.511.

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, 46.691, 18.501

Trichromacy



Original Color
71, 54.041, 44.511

Protanomaly
71, 34.375, 68.635

Deuteranomaly
71, 43.516, 62.170

Tritanomaly
71, 48.136, 28.527

Monochromacy



Original Color
71, 54.041, 44.511

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 18.180, 43.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.041, 44.511 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, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 107)  
}
```

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, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.041, 44.511 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, 144, 107) }
```

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

```
.border{ border-color:rgb(255, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.041, 44.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 107) }
```

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

```
.background{ background-color: rgb(255,  
144, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor