

Converting Colors

CIELCh(75, 61.034, 41.559)

Have a look what the booklet for
CIELCh(75, 61.034, 41.559) contains.

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Color

CIELCh(72, 51.483, 44.142)

Conversions

Conversions Part 1

Format	Color
Hex	FF9471
RGB	255, 148, 113
RGB Percent	100%, 58%, 44%
CMY	0.0000, 0.4194, 0.5567
CMYK	0.00, 0.42, 0.56, 0.00
HSL	15°, 100%, 72%
HSV	15°, 56%, 100%
XYZ	54.8413, 43.6590, 21.1727
YIQ	176.0030, 75.0070, 11.7990

Conversions

Conversions Part 2

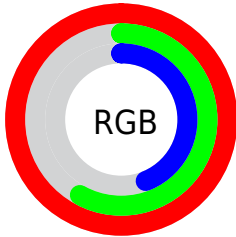
Format	Color
R_{YB}	255, 159, 113
Decimal	16749681
CIE _{Lab}	72.00, 36.95, 35.85
CIE _{LCh}	72, 51.483, 44.142
Yxy	43.6590, 0.4583, 0.3648
Android (android.graphics.Color)	4294939761 (0xFFFF9471)
YUV	176.0030, -31.0605, 69.2804
Hunter-Lab	66.0750, 32.5213, 27.2539

Details

The CIELCh color **72, 51.483, 44.142** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 33.953, 231.138**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 29.209, 62.749**, and **52, 51.482, 44.491** is the 20% darker color. If you saturate the color by 10%, you get **68, 62.920, 44.516**, and if you desaturate by 10%, it is **77, 40.582, 43.967**.

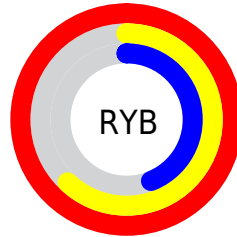
Distribution



Red (100%)

Green (58%)

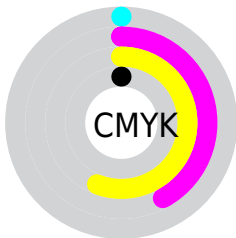
Blue (44%)



Red (100%)

Yellow (62%)

Blue (44%)

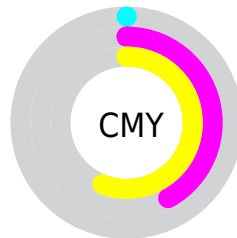


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 51.483, 44.142 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 72, 51.483, 44.142 by changing the saturation by 10% instead.

 72, 51.483, 44.142

 72, 51.483, 44.142

 100, 51.483,
44.142

 62, 51.483, 44.142

 92, 51.483, 44.142

 52, 51.483, 44.142

 42, 51.483, 44.142

 32, 51.483, 44.142

 22, 51.483, 44.142

 12, 51.483, 44.142

 2, 51.483, 44.142

 0, 51.483, 44.142

 72, 51.483, 44.142

 72, 51.483, 44.142

68, 62.920, 44.516

77, 40.582, 43.967

64, 74.630, 44.981

81, 30.420, 43.956

61, 85.798, 45.302

86, 21.003, 44.096

58, 94.788, 44.902

92, 12.304, 44.349

57, 97.853, 44.561

97, 4.275, 44.621

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.



72, 51.483, 44.142



83, 33.953, 231.138

Rectangle

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



72, 51.483, 44.142



72, 51.483, 94.142



72, 51.483, 224.142



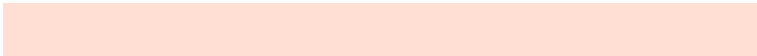
72, 51.483, 274.142

Sweetspot

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



72, 51.459, 44.154



91, 13.423, 44.310



68, 72.851, 335.737



47, 9.052, 44.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 51.459, 44.154



67, 64.477, 44.575



88, 55.437, 88.891



50, 4.355, 44.531



43, 78.327, 45.049



12, 29.298, 40.042

Inverse Universe

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



83, 33.953, 231.138



80, 38.322, 233.871



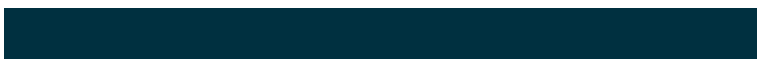
64, 58.211, 286.507



51, 4.115, 225.589



56, 36.738, 245.668



18, 16.454, 239.363

Previews

White Background



This preview shows how the CIELCh color 72, 51.483, 44.142 looks on a white background.

Color Contrast Check

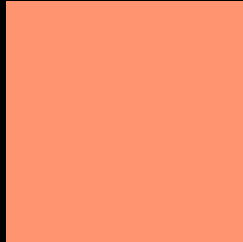
Large Text (above 18pt) WCAG AA × Fail

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 72, 51.483, 44.142 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 72, 51.483, 44.142

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.483, 44.142.

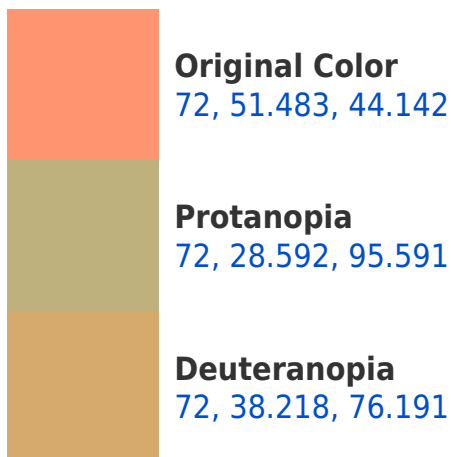


This preview shows how white text looks on a background with the CIELCh color 72, 51.483, 44.142.

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
72, 44.824, 17.299

Trichromacy



Original Color
72, 51.483, 44.142

Protanomaly
72, 32.337, 68.348

Deuteranomaly
72, 41.439, 61.727

Tritanomaly
72, 46.058, 27.793

Monochromacy



Original Color
72, 51.483, 44.142

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 17.317, 44.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.483, 44.142 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, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 113)  
}
```

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, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.483, 44.142 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, 148, 113) }
```

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

```
.border{ border-color:rgb(255, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.483, 44.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 113) }
```

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

```
.background{ background-color: rgb(255,  
148, 113) }
```

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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