

Converting Colors

CIELCh(73, 49.651, 43.923)

Have a look what the booklet for
CIELCh(73, 49.651, 43.923) contains.

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Color

CIELCh(73, 49.256, 44.240)

Conversions

Conversions Part 1

Format	Color
Hex	FF9876
RGB	255, 152, 118
RGB Percent	100%, 60%, 46%
CMY	0.0000, 0.4029, 0.5363
CMYK	0.00, 0.40, 0.54, 0.00
HSL	15°, 100%, 73%
HSV	15°, 54%, 100%
XYZ	55.8968, 45.1644, 22.9843
YIQ	178.9210, 72.3020, 11.2620

Conversions

Conversions Part 2

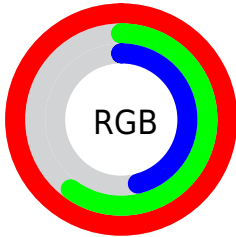
Format	Color
R_{YB}	255, 163, 118
Decimal	16750710
CIE _{Lab}	73.00, 35.29, 34.36
CIE _{LCh}	73, 49.256, 44.240
Yxy	45.1644, 0.4506, 0.3641
Android (android.graphics.Color)	4294940790 (0xFFFF9876)
YUV	178.9210, -30.0341, 66.7213
Hunter-Lab	67.2044, 30.8583, 26.7656

Details

The CIELCh color **73, 49.256, 44.240** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 33.063, 231.052**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 27.095, 63.684**, and **53, 49.034, 44.530** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.488, 44.598**, and if you desaturate by 10%, it is **78, 38.415, 44.155**.

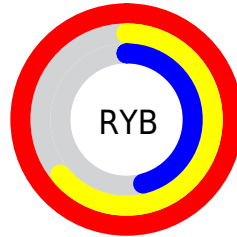
Distribution



Red (100%)

Green (60%)

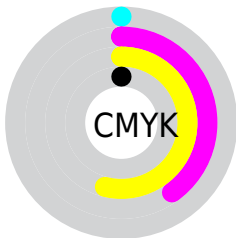
Blue (46%)



Red (100%)

Yellow (64%)

Blue (46%)

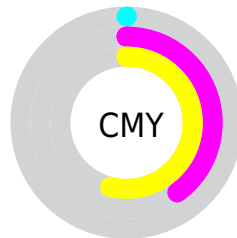


Cyan (0%)

Magenta (40%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 49.256, 44.240 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 73, 49.256, 44.240 by changing the saturation by 10% instead.

 73, 49.256, 44.240

 73, 49.256, 44.240

 100, 49.256,
44.240

 63, 49.256, 44.240

 93, 49.256, 44.240

 53, 49.256, 44.240

 43, 49.256, 44.240

 33, 49.256, 44.240

 23, 49.256, 44.240

 13, 49.256, 44.240

 3, 49.256, 44.240

 0, 49.256, 44.240

 73, 49.256, 44.240

 73, 49.256, 44.240

69, 60.488, 44.598

78, 38.415, 44.155

65, 72.179, 45.032

82, 28.416, 44.192

61, 83.544, 45.392

88, 19.158, 44.371

58, 93.146, 45.176

93, 10.609, 44.651

57, 97.755, 44.639

98, 2.715, 44.873

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.



73, 49.256, 44.240



83, 33.063, 231.052

Rectangle

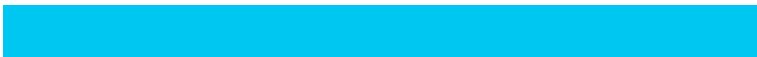
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 49.256, 44.240



73, 49.256, 94.240



73, 49.256, 224.240



73, 49.256, 274.240

Sweetspot

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



73, 49.140, 44.288



92, 12.571, 44.579



69, 70.606, 335.568



48, 8.559, 44.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 49.140, 44.288



68, 60.914, 44.613



88, 53.466, 89.174



50, 4.351, 44.778



43, 78.247, 45.130



12, 29.267, 40.182

Inverse Universe

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



83, 33.063, 231.052



81, 37.283, 233.426



65, 55.919, 285.955



51, 4.112, 225.854



56, 36.823, 246.108



18, 16.477, 239.765

Previews

White Background



This preview shows how the CIELCh color 73, 49.256, 44.240 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 73, 49.256, 44.240 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 73, 49.256, 44.240

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.256, 44.240.

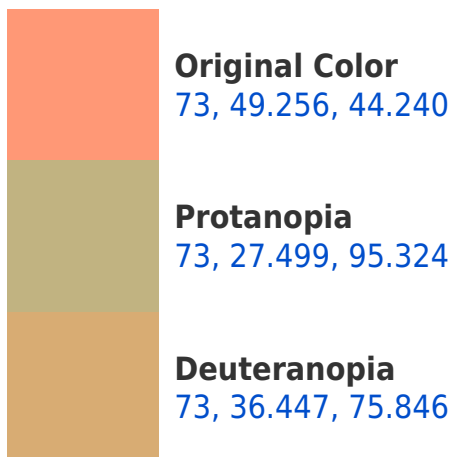


This preview shows how white text looks on a background with the CIELCh color 73, 49.256, 44.240.

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](#).

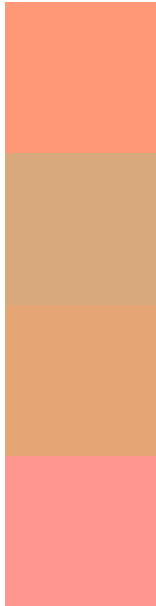
Dichromacy





Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 49.256, 44.240

Protanomaly
73, 31.482, 68.472

Deuteranomaly
73, 39.396, 62.099

Tritanomaly
73, 43.687, 27.667

Monochromacy



Original Color
73, 49.256, 44.240

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.612, 43.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.256, 44.240 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, 152, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 118)  
}
```

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, 152, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.256, 44.240 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, 152, 118) }
```

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

```
.border{ border-color:rgb(255, 152, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.256, 44.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 118) }
```

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

```
.background{ background-color: rgb(255,  
152, 118) }
```

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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