

Converting Colors

CIELCh(84, 82.512, 36.474)

Have a look what the booklet for
CIELCh(84, 82.512, 36.474) contains.

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Color

CIELCh(73, 48.764, 41.426)

Conversions

Conversions Part 1

Format	Color
Hex	FF977A
RGB	255, 151, 122
RGB Percent	100%, 59%, 48%
CMY	0.0000, 0.4068, 0.5208
CMYK	0.00, 0.41, 0.52, 0.00
HSL	13°, 100%, 74%
HSV	13°, 52%, 100%
XYZ	56.4090, 45.1644, 24.2215
YIQ	178.7900, 71.2930, 13.0290

Conversions

Conversions Part 2

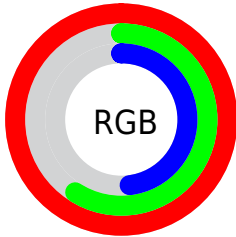
Format	Color
R_{YB}	255, 159, 122
Decimal	16750458
CIE _{Lab}	73.00, 36.56, 32.26
CIE _{LCh}	73, 48.764, 41.426
Yxy	45.1644, 0.4484, 0.3590
Android (android.graphics.Color)	4294940538 (0xFFFF977A)
YUV	178.7900, -27.9975, 66.8362
Hunter-Lab	67.2044, 32.2187, 25.6741

Details

The CIELCh color **73, 48.764, 41.426** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **85, 32.417, 226.157**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 25.537, 59.334**, and **53, 47.956, 41.808** is the 20% darker color. If you saturate the color by 10%, you get **68, 59.612, 42.170**, and if you desaturate by 10%, it is **78, 37.379, 41.287**.

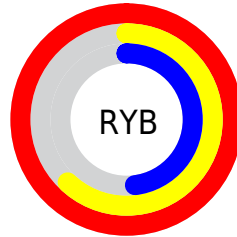
Distribution



Red (100%)

Green (59%)

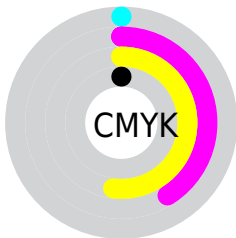
Blue (48%)



Red (100%)

Yellow (62%)

Blue (48%)

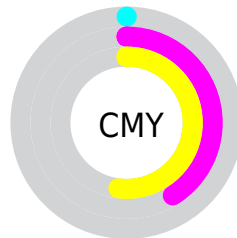


Cyan (0%)

Magenta (41%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.764, 41.426 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, 48.764, 41.426 by changing the saturation by 10% instead.

73, 48.764, 41.426

73, 48.764, 41.426

100, 48.764,
41.426

63, 48.764, 41.426

93, 48.764, 41.426

53, 48.764, 41.426

43, 48.764, 41.426

33, 48.764, 41.426

23, 48.764, 41.426

13, 48.764, 41.426

3, 48.764, 41.426

0, 48.764, 41.426

73, 48.764, 41.426

73, 48.764, 41.426

68, 59.612, 42.170

78, 37.379, 41.287

64, 71.449, 42.902

83, 27.330, 41.149

61, 83.087, 43.652

88, 18.036, 41.170

58, 93.205, 43.956

93, 9.466, 41.302

56, 99.092, 43.609

99, 1.562, 41.219

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, 48.764, 41.426



85, 32.417, 226.157

Rectangle

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



73, 48.764, 41.426



73, 48.764, 91.426



73, 48.764, 221.426



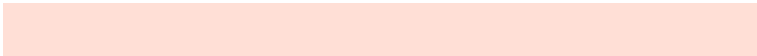
73, 48.764, 271.426

Sweetspot

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



73, 48.171, 41.621



91, 12.744, 41.242



70, 69.613, 334.738



47, 8.678, 41.214



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, 48.171, 41.621



68, 59.520, 42.165



88, 51.310, 88.123



50, 4.409, 41.342



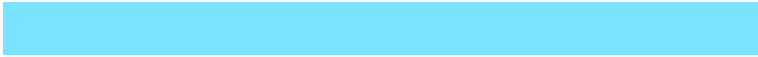
42, 79.342, 44.051



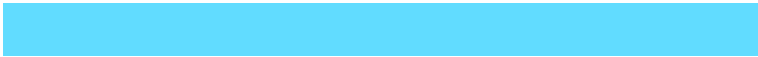
12, 29.702, 38.287

Inverse Universe

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



85, 32.417, 226.157



82, 36.465, 228.033



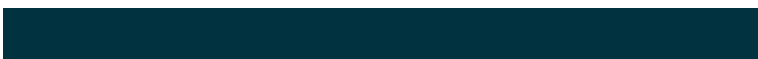
67, 52.961, 284.475



52, 4.157, 222.148



57, 35.817, 239.783



19, 16.230, 234.052

Previews

White Background



This preview shows how the CIELCh color 73, 48.764, 41.426 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, 48.764, 41.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

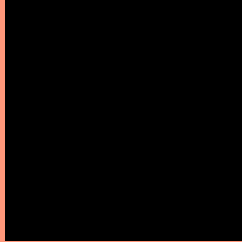
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 48.764, 41.426

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.764, 41.426.



This preview shows how white text looks on a background with the CIELCh color 73, 48.764, 41.426.

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, 43.032, 16.744

Trichromacy



Original Color
73, 48.282, 41.548

Protanomaly
73, 29.031, 66.221

Deuteranomaly
73, 37.796, 59.215

Tritanomaly
73, 43.865, 26.357

Monochromacy



Original Color
73, 48.282, 41.548

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.370, 41.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.764, 41.426 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, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 122)  
}
```

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, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.764, 41.426 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, 151, 122) }
```

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

```
.border{ border-color:rgb(255, 151, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 151, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.764, 41.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 122) }
```

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

```
.background{ background-color: rgb(255,  
151, 122) }
```

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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