

Converting Colors

CIELCh(73, 47.198, 38.437)

Have a look what the booklet for
CIELCh(73, 47.198, 38.437) contains.

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Color

CIELCh(73, 46.684, 38.264)

Conversions

Conversions Part 1

Format	Color
Hex	FF9780
RGB	255, 151, 128
RGB Percent	100%, 59%, 50%
CMY	0.0000, 0.4063, 0.4966
CMYK	0.00, 0.41, 0.50, 0.00
HSL	11°, 100%, 75%
HSV	11°, 50%, 100%
XYZ	56.4456, 45.1644, 26.2888
YIQ	179.4740, 69.3670, 14.8950

Conversions

Conversions Part 2

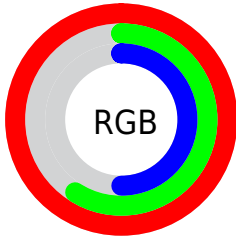
Format	Color
R_{YB}	255, 156, 128
Decimal	16750464
CIE _{Lab}	73.00, 36.65, 28.91
CIE _{LCh}	73, 46.684, 38.264
Yxy	45.1644, 0.4413, 0.3531
Android (android.graphics.Color)	4294940544 (0xFFFF9780)
YUV	179.4740, -25.3767, 66.2363
Hunter-Lab	67.2044, 32.3159, 23.8503

Details

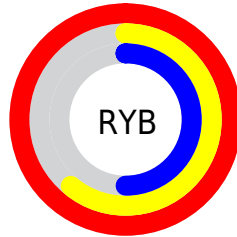
The CIELCh color **73, 46.684, 38.264** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.661, 220.255**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 23.456, 53.998**, and **53, 46.853, 37.676** is the 20% darker color. If you saturate the color by 10%, you get **68, 58.018, 39.136**, and if you desaturate by 10%, it is **78, 35.660, 37.752**.

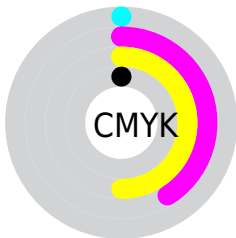
Distribution



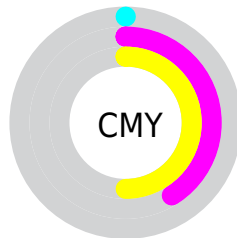
- Red (100%)
- Green (59%)
- Blue (50%)



- Red (100%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 46.684, 38.264 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, 46.684, 38.264 by changing the saturation by 10% instead.

 73, 46.684, 38.264

 73, 46.684, 38.264

 100, 46.684,
38.264

 63, 46.684, 38.264

 93, 46.684, 38.264

 53, 46.684, 38.264

 43, 46.684, 38.264

 33, 46.684, 38.264

 23, 46.684, 38.264

 13, 46.684, 38.264

 3, 46.684, 38.264

 0, 46.684, 38.264

 73, 46.684, 38.264

 73, 46.684, 38.264

68, 58.018, 39.136

78, 35.660, 37.752

64, 69.978, 40.214

83, 25.571, 37.414

60, 81.884, 41.433

89, 16.247, 37.254

58, 92.613, 42.399

94, 7.656, 37.206

55, 100.353,
42.523

100, 0.012,
296.813

55, 100.585,
42.535

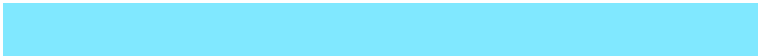
Harmonies

Complementary

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



73, 46.684, 38.264



87, 31.661, 220.255

Rectangle

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



73, 46.684, 38.264



73, 46.684, 88.264



73, 46.684, 218.264



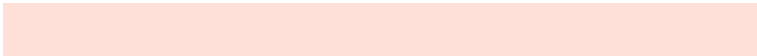
73, 46.684, 268.264

Sweetspot

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



73, 46.505, 38.314



91, 12.153, 37.223



71, 69.052, 332.578



48, 8.365, 37.234



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, 46.505, 38.314



68, 58.416, 39.168



87, 47.221, 84.468



50, 4.502, 37.205



42, 80.582, 42.913



12, 30.248, 36.161

Inverse Universe

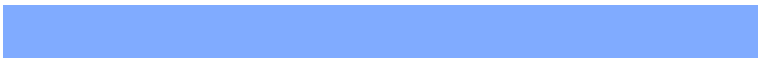
The Inverse Universe completely reimagines the original color for something new.



87, 31.661, 220.255



85, 35.995, 221.700



70, 47.022, 280.337



52, 4.237, 217.672



60, 35.154, 231.684



19, 16.134, 226.900

Previews

White Background



This preview shows how the CIELCh color 73, 46.684, 38.264 looks on a white background.

Color Contrast Check

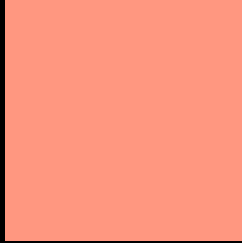
Large Text (above 18pt) WCAG AA × Fail

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, 46.684, 38.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

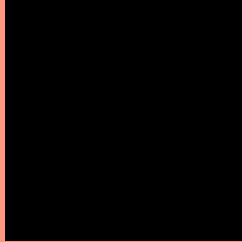
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 46.684, 38.264

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.684, 38.264.

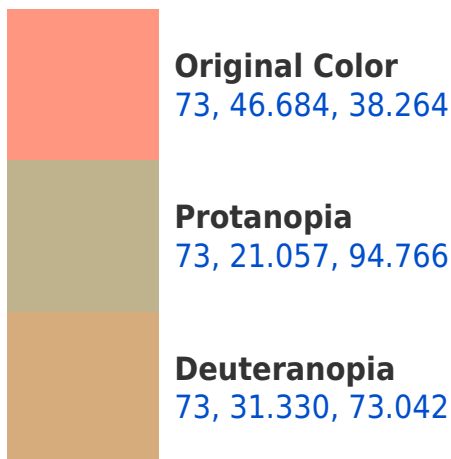


This preview shows how white text looks on a background with the CIELCh color 73, 46.684, 38.264.

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, 42.992, 16.036

Trichromacy



Original Color
73, 46.684, 38.264

Protanomaly
73, 26.234, 62.759

Deuteranomaly
73, 35.125, 57.247

Tritanomaly
73, 43.474, 24.324

Monochromacy



Original Color
73, 46.684, 38.264

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.521, 38.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.684, 38.264 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.684, 38.264 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, 128) }
```

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

```
.border{ border-color:rgb(255, 151, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.684, 38.264 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
151, 128) }
```

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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