

Converting Colors

CIELCh(73, 46.795, 37.478)

Have a look what the booklet for
CIELCh(73, 46.795, 37.478) contains.

CIELCh(73, 46.434, 37.692)	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(73, 46.434, 37.692)

Conversions

Conversions Part 1

Format	Color
Hex	FF9781
RGB	255, 151, 129
RGB Percent	100%, 59%, 51%
CMY	0.0000, 0.4065, 0.4929
CMYK	0.00, 0.41, 0.49, 0.00
HSL	11°, 100%, 75%
HSV	11°, 49%, 100%
XYZ	56.4815, 45.1644, 26.6196
YIQ	179.5880, 69.0460, 15.2060

Conversions

Conversions Part 2

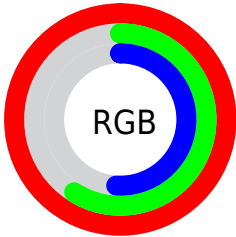
Format	Color
R _Y B	255, 156, 129
Decimal	16750465
CIE Lab	73.00, 36.74, 28.39
CIE LCh	73, 46.434, 37.692
Yxy	45.1644, 0.4403, 0.3521
Android (android.graphics.Color)	4294940545 (0xFFFF9781)
YUV	179.5880, -24.9399, 66.1363
Hunter-Lab	67.2044, 32.4112, 23.5584

Details

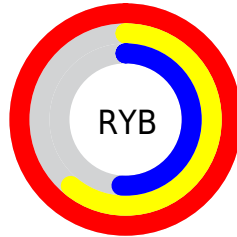
The CIELCh color **73, 46.434, 37.692** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.577, 219.252**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 23.133, 53.013**, and **53, 46.853, 37.676** is the 20% darker color. If you saturate the color by 10%, you get **68, 57.805, 38.604**, and if you desaturate by 10%, it is **78, 35.419, 37.132**.

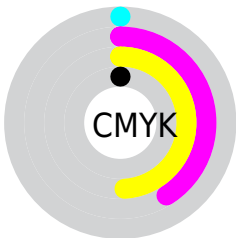
Distribution



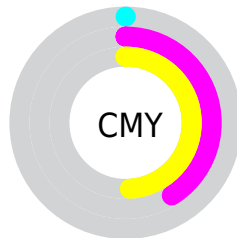
- Red (100%)
- Green (59%)
- Blue (51%)



- Red (100%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 46.434, 37.692 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, 46.434, 37.692 by changing the saturation by 10% instead.

 73, 46.434, 37.692

 73, 46.434, 37.692

 100, 46.434,
37.692

 63, 46.434, 37.692

 93, 46.434, 37.692

 53, 46.434, 37.692

 43, 46.434, 37.692

 33, 46.434, 37.692

 23, 46.434, 37.692

 13, 46.434, 37.692

 3, 46.434, 37.692

 0, 46.434, 37.692

 73, 46.434, 37.692

 73, 46.434, 37.692

68, 57.805, 38.604

78, 35.419, 37.132

64, 69.783, 39.742

83, 25.316, 36.760

60, 81.723, 41.040

89, 15.980, 36.567

57, 92.530, 42.117

95, 7.378, 36.487

55, 100.341,
42.337

100, 0.012,
296.813

55, 100.828,
42.368

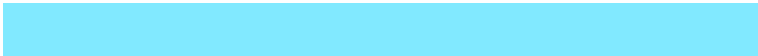
Harmonies

Complementary

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



73, 46.434, 37.692



87, 31.577, 219.252

Rectangle

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



73, 46.434, 37.692



73, 46.434, 87.692



73, 46.434, 217.692



73, 46.434, 267.692

Sweetspot

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



73, 46.277, 37.734



91, 12.205, 36.525



72, 68.589, 332.553



48, 8.401, 36.543



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, 46.277, 37.734



68, 57.466, 38.575



87, 46.857, 84.522



50, 4.521, 36.489



42, 80.786, 42.734



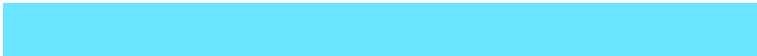
11, 30.344, 35.810

Inverse Universe

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



87, 31.577, 219.252



85, 35.705, 220.516



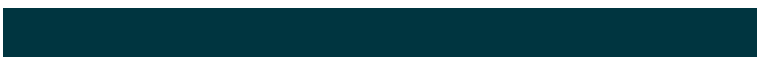
70, 46.650, 280.237



52, 4.254, 216.895



60, 35.105, 230.238



20, 16.141, 225.637

Previews

White Background



This preview shows how the CIELCh color 73, 46.434, 37.692 looks on a white background.

Color Contrast Check

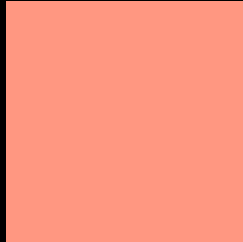
Large Text (above 18pt) WCAG AA × Fail

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, 46.434, 37.692 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, 46.434, 37.692

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.434, 37.692.

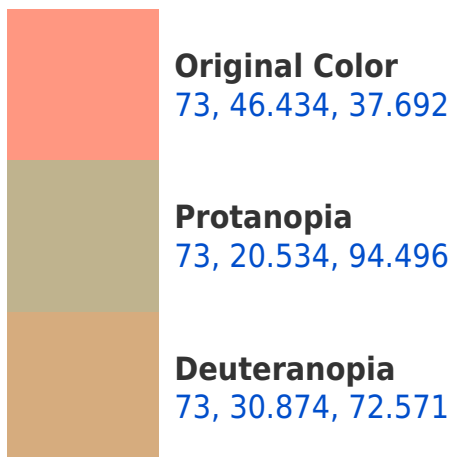


This preview shows how white text looks on a background with the CIELCh color 73, 46.434, 37.692.

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, 46.434, 37.692

Protanomaly
73, 25.833, 61.998

Deuteranomaly
73, 34.787, 55.628

Tritanomaly
73, 43.474, 24.324

Monochromacy



Original Color
73, 46.434, 37.692

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.323, 36.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.434, 37.692 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.434, 37.692 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, 129) }
```

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

```
.border{ border-color:rgb(255, 151, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.434, 37.692 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
151, 129) }
```

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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