

Converting Colors

CIELCh(73, 40.261, 42.821)

Have a look what the booklet for
CIELCh(73, 40.261, 42.821) contains.

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Color

CIELCh(73, 40.129, 42.426)

Conversions

Conversions Part 1

Format	Color
Hex	F49D83
RGB	244, 157, 131
RGB Percent	96%, 62%, 51%
CMY	0.0418, 0.3830, 0.4851
CMYK	0.00, 0.36, 0.46, 0.04
HSL	14°, 84%, 74%
HSV	14°, 46%, 96%
XYZ	53.6589, 45.1644, 27.4702
YIQ	180.0490, 60.1980, 10.3580

Conversions

Conversions Part 2

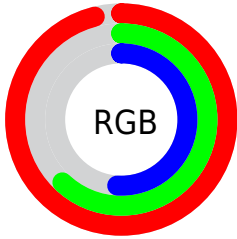
Format	Color
R_{YB}	244, 165, 131
Decimal	16031107
CIE Lab	73.00, 29.62, 27.07
CIE LCh	73, 40.129, 42.426
Yxy	45.1644, 0.4249, 0.3576
Android (android.graphics.Color)	4294221187 (0xFFFF49D83)
YUV	180.0490, -24.1812, 56.0850
Hunter-Lab	67.2044, 24.9141, 22.8080

Details

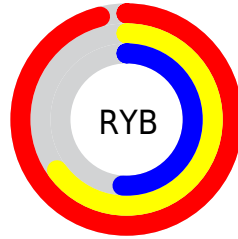
The CIELCh color **73, 40.129, 42.426** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 28.609, 226.911**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.410, 60.425**, and **53, 40.287, 42.770** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.760, 42.759**, and if you desaturate by 10%, it is **78, 30.185, 42.296**.

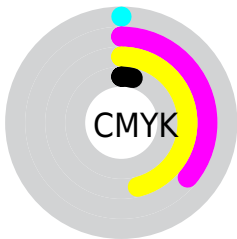
Distribution



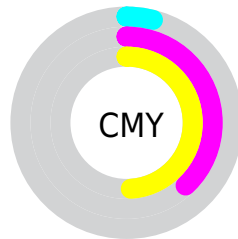
- Red (96%)
- Green (62%)
- Blue (51%)



- Red (96%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 40.129, 42.426 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, 40.129, 42.426 by changing the saturation by 10% instead.

73, 40.129, 42.426

73, 40.129, 42.426

100, 40.129,
42.426

63, 40.129, 42.426

93, 40.129, 42.426

53, 40.129, 42.426

43, 40.129, 42.426

33, 40.129, 42.426

23, 40.129, 42.426

13, 40.129, 42.426

3, 40.129, 42.426

0, 40.129, 42.426

73, 40.129, 42.426

73, 40.129, 42.426

69, 50.760, 42.759

78, 30.185, 42.296

64, 61.947, 43.283

83, 20.968, 42.327

61, 73.347, 43.928

88, 12.457, 42.483

58, 84.167, 44.436

93, 4.606, 42.679

55, 92.769, 44.201

98, 2.646, 223.408

54, 95.392, 44.038

99, 3.679, 199.352

Harmonies

Complementary

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



73, 40.129, 42.426



83, 28.609, 226.911

Rectangle

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



73, 40.129, 42.426



73, 40.129, 92.426



73, 40.129, 222.426



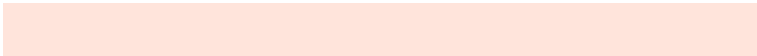
73, 40.129, 272.426

Sweetspot

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



73, 40.127, 42.431



92, 10.999, 42.529



70, 60.524, 334.284



48, 7.661, 42.484



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, 40.127, 42.431



71, 52.272, 42.753



86, 44.039, 88.947



48, 4.240, 42.626



41, 77.315, 44.491



11, 27.039, 37.724

Inverse Universe

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



83, 28.609, 226.911



83, 34.087, 228.607



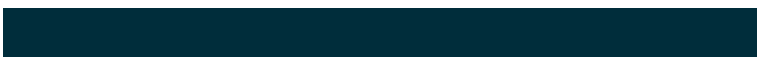
68, 45.105, 282.969



50, 4.002, 223.532



55, 35.413, 242.100



17, 15.419, 235.530

Previews

White Background



This preview shows how the CIELCh color 73, 40.129, 42.426 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, 40.129, 42.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

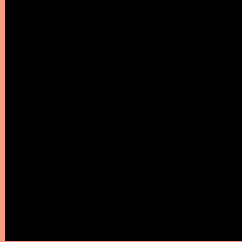
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.129, 42.426

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.129, 42.426.

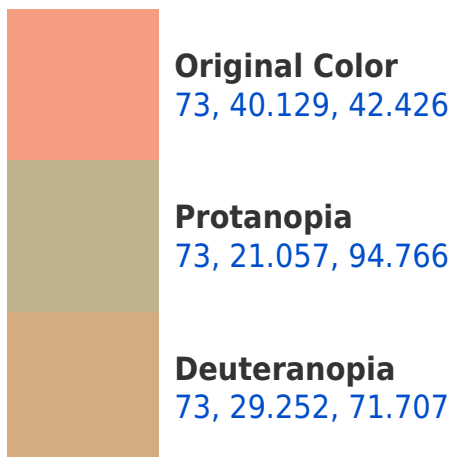


This preview shows how white text looks on a background with the CIELCh color 73, 40.129, 42.426.

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, 37.615, 14.236

Trichromacy



Original Color
73, 40.129, 42.426



Protanomaly
73, 24.766, 67.513



Deuteranomaly
73, 31.841, 59.074



Tritanomaly
73, 37.213, 25.315

Monochromacy



Original Color
73, 40.129, 42.426



Achromatopsia
73, 0.009, 296.813



Achromatomaly
73, 13.428, 43.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.129, 42.426 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(244, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 131)  
}
```

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(244, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.129, 42.426 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(244, 157, 131) }
```

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

```
.border{ border-color:rgb(244, 157, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.129, 42.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 131) }
```

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

```
.background{ background-color: rgb(244,  
157, 131) }
```

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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