

Converting Colors

CIELCh(74, 40.699, 16.578)

Have a look what the booklet for
CIELCh(74, 40.699, 16.578) contains.

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Color

CIELCh(74, 40.844, 16.780)

Conversions

Conversions Part 1

Format	Color
Hex	FF99A2
RGB	255, 153, 162
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.3996, 0.3643
CMYK	0.00, 0.40, 0.36, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	59.2136, 46.7039, 40.1184
YIQ	184.5240, 57.9030, 24.4230

Conversions

Conversions Part 2

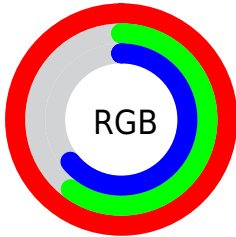
Format	Color
RYB	255, 153, 162
Decimal	16751010
CIELab	74.00, 39.10, 11.79
CIELCh	74, 40.844, 16.780
Yxy	46.7039, 0.4055, 0.3198
Android (android.graphics.Color)	4294941090 (0xFFFF99A2)
YUV	184.5240, -11.1043, 61.8075
Hunter-Lab	68.3403, 35.0663, 13.0327

Details

The CIELCh color **74, 40.844, 16.780** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.197, 189.068**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.489, 7.032**, and **54, 40.997, 16.425** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.166, 18.797**, and if you desaturate by 10%, it is **80, 29.744, 15.182**.

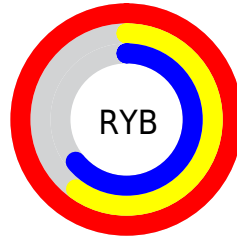
Distribution



Red (100%)

Green (60%)

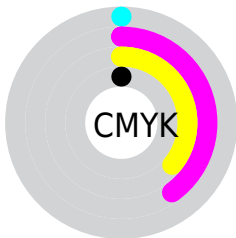
Blue (64%)



Red (100%)

Yellow (60%)

Blue (64%)

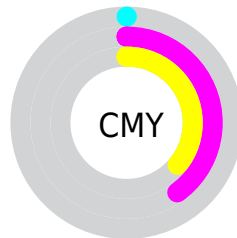


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.844, 16.780 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 74, 40.844, 16.780 by changing the saturation by 10% instead.

 74, 40.844, 16.780

 74, 40.844, 16.780

 100, 40.844,
16.780

 64, 40.844, 16.780

 94, 40.844, 16.780

 54, 40.844, 16.780

 44, 40.844, 16.780

 34, 40.844, 16.780

 24, 40.844, 16.780

 14, 40.844, 16.780

 4, 40.844, 16.780

 0, 40.844, 16.780

 74, 40.844, 16.780

 74, 40.844, 16.780

■ 68, 52.166, 18.797

■ 80, 29.744, 15.182

■ 63, 63.533, 21.390

■ 87, 19.199, 13.914

■ 59, 74.511, 24.672

■ 93, 9.264, 12.866

■ 56, 84.710, 28.674

100, 0.012,
296.813

■ 54, 93.717, 33.150

■ 53, 100.823,
37.226

■ 53, 100.847,
37.238

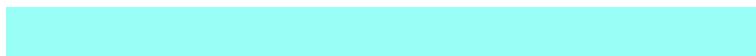
Harmonies

Complementary

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



74, 40.844, 16.780



94, 32.197, 189.068

Rectangle

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



74, 40.844, 16.780



74, 40.844, 66.780



74, 40.844, 196.780



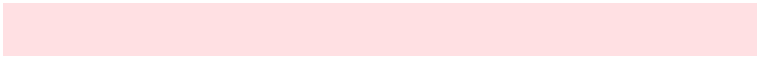
74, 40.844, 246.780

Sweetspot

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



74, 40.800, 16.772



92, 11.238, 13.068



76, 61.855, 323.624



48, 7.487, 13.200



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 40.800, 16.772



69, 49.926, 18.360



83, 33.498, 59.905



50, 5.280, 12.821



40, 80.526, 36.529



10, 32.683, 23.602

Inverse Universe

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



74, 40.800, 16.772



69, 49.926, 18.360



83, 27.682, 250.146



50, 5.280, 12.821



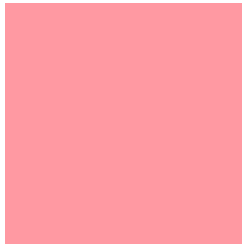
40, 80.526, 36.529



10, 32.683, 23.602

Previews

White Background



This preview shows how the CIELCh color 74, 40.844, 16.780 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 74, 40.844, 16.780 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 74, 40.844, 16.780

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.844, 16.780.

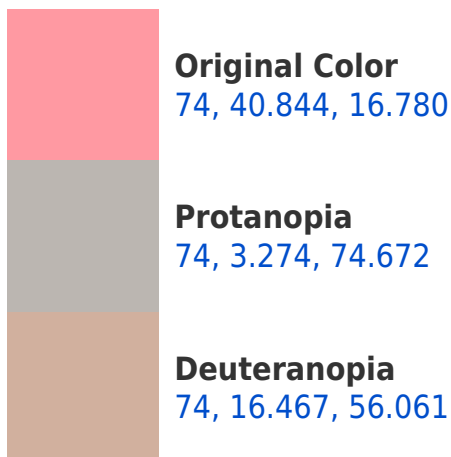


This preview shows how white text looks on a background with the CIELCh color 74, 40.844, 16.780.

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
74, 40.781, 15.290

Trichromacy



Original Color
74, 40.844, 16.780



Protanomaly
74, 15.956, 18.852



Deuteranomaly
74, 23.933, 32.896



Tritanomaly
74, 40.809, 16.036

Monochromacy



Original Color
74, 40.844, 16.780



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.386, 12.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.844, 16.780 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, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 162)  
}
```

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, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.844, 16.780 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, 153, 162) }
```

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

```
.border{ border-color:rgb(255, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.844, 16.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 162) }
```

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

```
.background{ background-color: rgb(255,  
153, 162) }
```

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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