

Converting Colors

CIELCh(77, 52.502, 25.533)

Have a look what the booklet for
CIELCh(77, 52.502, 25.533) contains.

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Color

CIELCh(74, 41.733, 24.806)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A98
RGB	255, 154, 152
RGB Percent	100%, 60%, 60%
CMY	0.0000, 0.3971, 0.4050
CMYK	0.00, 0.40, 0.40, 0.00
HSL	1°, 100%, 80%
HSV	1°, 40%, 100%
XYZ	58.7066, 46.7039, 35.5080
YIQ	183.9710, 60.8380, 20.7900

Conversions

Conversions Part 2

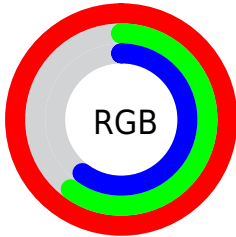
Format	Color
R _Y B	255, 154, 152
Decimal	16751256
CIE Lab	74.00, 37.88, 17.51
CIE LCh	74, 41.733, 24.806
Yxy	46.7039, 0.4166, 0.3314
Android (android.graphics.Color)	4294941336 (0xFFFF9A98)
YUV	183.9710, -15.7617, 62.2924
Hunter-Lab	68.3403, 33.7419, 17.0325

Details

The CIELCh color **74, 41.733, 24.806** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 30.818, 199.482**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.108, 27.545**, and **54, 41.189, 24.722** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.298, 26.554**, and if you desaturate by 10%, it is **80, 30.047, 23.447**.

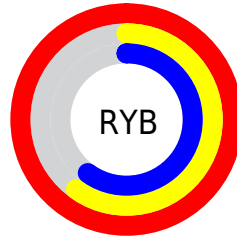
Distribution



Red (100%)

Green (60%)

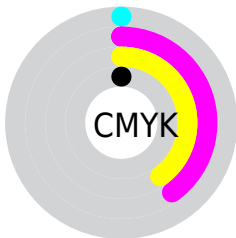
Blue (60%)



Red (100%)

Yellow (60%)

Blue (60%)

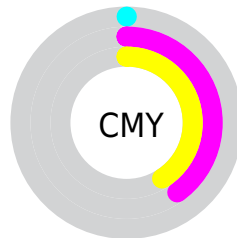


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.733, 24.806 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, 41.733, 24.806 by changing the saturation by 10% instead.

 74, 41.733, 24.806

 74, 41.733, 24.806

 100, 41.733,
24.806

 64, 41.733, 24.806

 94, 41.733, 24.806

 54, 41.733, 24.806

 44, 41.733, 24.806

 34, 41.733, 24.806

 24, 41.733, 24.806

 14, 41.733, 24.806

 4, 41.733, 24.806

 0, 41.733, 24.806

 74, 41.733, 24.806

 74, 41.733, 24.806

68, 53.298, 26.554

80, 30.047, 23.447

63, 65.524, 28.841

86, 19.419, 22.423

59, 77.674, 31.703

93, 9.554, 21.620

56, 89.144, 35.006

100, 0.438, 19.587

54, 98.722, 38.152

100, 0.012,
296.813

53, 104.340,
40.138

Harmonies

Complementary

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



74, 41.733, 24.806



93, 30.818, 199.482

Rectangle

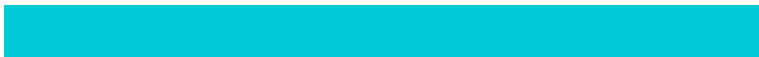
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 41.733, 24.806



74, 41.733, 74.806



74, 41.733, 204.806



74, 41.733, 254.806

Sweetspot

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



74, 41.387, 24.790



92, 10.985, 21.731



77, 63.329, 327.092



48, 7.325, 21.830



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, 41.387, 24.790



69, 51.484, 26.258



86, 34.947, 71.994



50, 5.152, 21.547



40, 83.958, 40.198



10, 32.962, 28.133

Inverse Universe

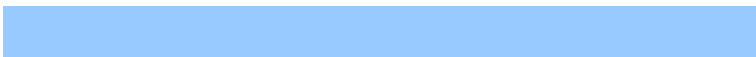
The Inverse Universe completely reimagines the original color for something new.



93, 30.818, 199.482



93, 35.668, 199.285



80, 31.476, 264.368



52, 4.847, 200.696



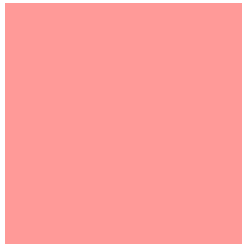
69, 39.263, 199.501



23, 18.121, 199.116

Previews

White Background



This preview shows how the CIELCh color 74, 41.733, 24.806 looks on a white background.

Color Contrast Check

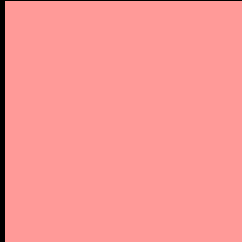
Large Text (above 18pt) WCAG AA × Fail

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, 41.733, 24.806 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, 41.733, 24.806

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.733, 24.806.

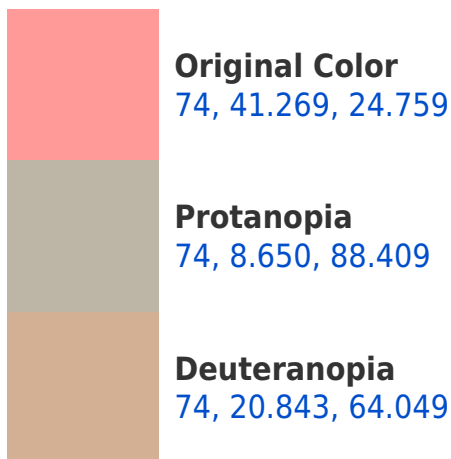


This preview shows how white text looks on a background with the CIELCh color 74, 41.733, 24.806.

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](#).

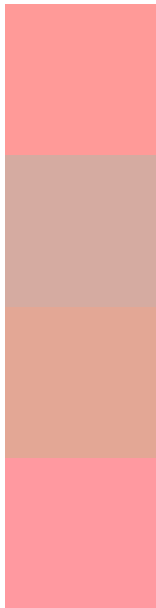
Dichromacy





Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 41.269, 24.759

Protanomaly
73, 17.651, 38.379

Deuteranomaly
74, 26.705, 42.353

Tritanomaly
74, 40.938, 18.264

Monochromacy



Original Color
74, 41.269, 24.759

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 14.398, 22.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.733, 24.806 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, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 152)  
}
```

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, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.733, 24.806 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, 154, 152) }
```

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

```
.border{ border-color:rgb(255, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.733, 24.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 152) }
```

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

```
.background{ background-color: rgb(255,  
154, 152) }
```

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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