

Converting Colors

CIELCh(74, 42.858, 15.995)

Have a look what the booklet for
CIELCh(74, 42.858, 15.995) contains.

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Color

CIELCh(74, 41.663, 15.591)

Conversions

Conversions Part 1

Format	Color
Hex	FF98A3
RGB	255, 152, 163
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.4030, 0.3600
CMYK	0.00, 0.40, 0.36, 0.00
HSL	354°, 100%, 80%
HSV	354°, 40%, 100%
XYZ	59.6411, 46.7039, 40.6190
YIQ	184.0510, 57.8570, 25.2570

Conversions

Conversions Part 2

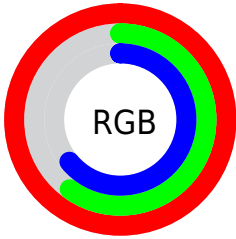
Format	Color
R_{YB}	255, 152, 163
Decimal	16750755
CIE _{Lab}	74.00, 40.13, 11.20
CIE _{LCh}	74, 41.663, 15.591
Yxy	46.7039, 0.4058, 0.3178
Android (android.graphics.Color)	4294940835 (0xFFFF98A3)
YUV	184.0510, -10.3781, 62.2223
Hunter-Lab	68.3403, 36.1828, 12.5984

Details

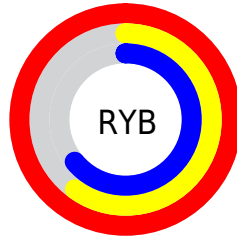
The CIELCh color **74, 41.663, 15.591** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.729, 187.348**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.083, 4.139**, and **54, 41.413, 15.846** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.374, 17.486**, and if you desaturate by 10%, it is **80, 30.114, 13.804**.

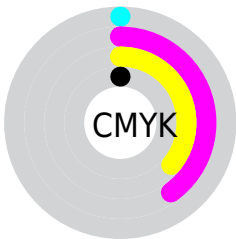
Distribution



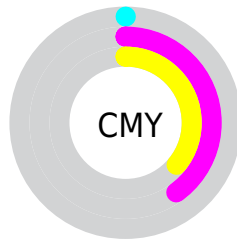
- Red (100%)
- Green (60%)
- Blue (64%)



- 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, 41.663, 15.591 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, 41.663, 15.591 by changing the saturation by 10% instead.

74, 41.663, 15.591

74, 41.663, 15.591

100, 41.663,
15.591

64, 41.663, 15.591

94, 41.663, 15.591

54, 41.663, 15.591

44, 41.663, 15.591

34, 41.663, 15.591

24, 41.663, 15.591

14, 41.663, 15.591

4, 41.663, 15.591

0, 41.663, 15.591

74, 41.663, 15.591

74, 41.663, 15.591

■ 68, 52.374, 17.486

■ 80, 30.114, 13.804

■ 63, 63.562, 20.115

■ 86, 19.577, 12.503

■ 59, 74.288, 23.445

■ 93, 9.618, 11.423

■ 56, 84.178, 27.523

100, 0.274, 8.281

■ 54, 92.902, 32.144

100, 0.012,
296.813

■ 53, 99.806, 36.387

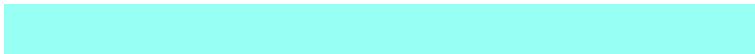
Harmonies

Complementary

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



74, 41.663, 15.591



94, 32.729, 187.348

Rectangle

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



74, 41.663, 15.591



74, 41.663, 65.591



74, 41.663, 195.591



74, 41.663, 245.591

Sweetspot

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



74, 41.118, 15.427



92, 11.268, 11.596



75, 62.143, 323.135



48, 7.506, 11.731



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, 41.118, 15.427



69, 49.779, 16.967



82, 33.816, 58.101



50, 5.295, 11.343



40, 79.652, 35.605



10, 32.555, 22.835

Inverse Universe

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



74, 41.118, 15.427



69, 49.779, 16.967



83, 27.557, 247.982



50, 5.295, 11.343



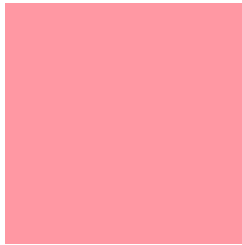
40, 79.652, 35.605



10, 32.555, 22.835

Previews

White Background



This preview shows how the CIELCh color 74, 41.663, 15.591 looks on a white background.

Color Contrast Check

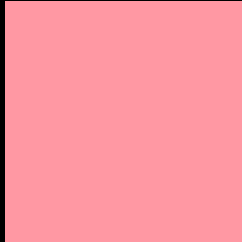
Large Text (above 18pt) WCAG AA × Fail

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, 41.663, 15.591 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, 41.663, 15.591

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.663, 15.591.

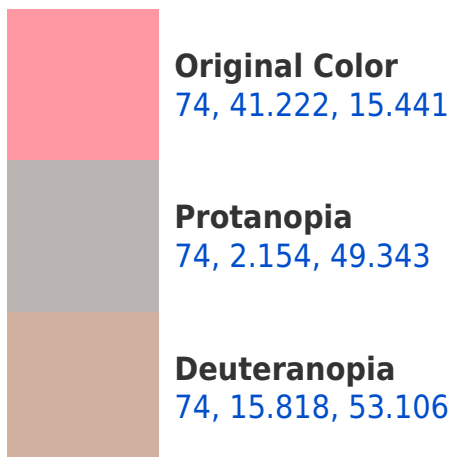


This preview shows how white text looks on a background with the CIELCh color 74, 41.663, 15.591.

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, 41.222, 15.441

Trichromacy



Original Color
74, 41.222, 15.441



Protanomaly
74, 15.549, 16.793



Deuteranomaly
74, 23.510, 29.202



Tritanomaly
74, 41.222, 15.441

Monochromacy



Original Color
74, 41.222, 15.441



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.792, 12.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.663, 15.591 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, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 163)  
}
```

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, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.663, 15.591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

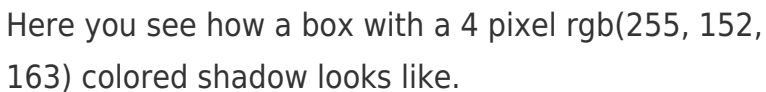
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 152, 163) }
```

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

```
.border{ border-color:rgb(255, 152, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 152, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 152, 163); box-shadow:4px 4px 4px 4px rgb(255, 152, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.663, 15.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 163) }
```

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

```
.background{ background-color: rgb(255,  
152, 163) }
```

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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