

Converting Colors

CIELCh(74, 41.201, 26.313)

Have a look what the booklet for
CIELCh(74, 41.201, 26.313) contains.

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Color

CIELCh(74, 41.193, 26.870)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B96
RGB	255, 155, 150
RGB Percent	100%, 61%, 59%
CMY	0.0015, 0.3935, 0.4131
CMYK	0.00, 0.39, 0.41, 0.00
HSL	3°, 99%, 79%
HSV	3°, 41%, 100%
XYZ	58.2376, 46.7039, 34.6568
YIQ	184.3300, 61.2050, 19.6450

Conversions

Conversions Part 2

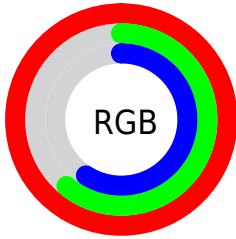
Format	Color
R_{YB}	255, 155, 150
Decimal	16751510
CIE _{Lab}	74.00, 36.75, 18.62
CIE _{LCh}	74, 41.193, 26.870
Yxy	46.7039, 0.4172, 0.3346
Android (android.graphics.Color)	4294941590 (0xFFFF9B96)
YUV	184.3300, -16.9247, 61.9776
Hunter-Lab	68.3403, 32.5170, 17.7710

Details

The CIELCh color **74, 41.193, 26.870** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 30.339, 202.480**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.072, 32.775**, and **54, 41.153, 26.904** is the 20% darker color. If you saturate the color by 10%, you get **69, 52.959, 28.476**, and if you desaturate by 10%, it is **80, 30.036, 25.663**.

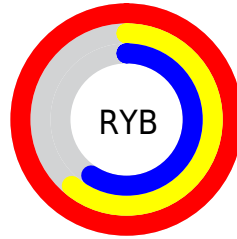
Distribution



Red (100%)

Green (61%)

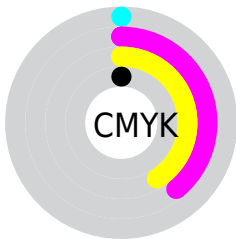
Blue (59%)



Red (100%)

Yellow (61%)

Blue (59%)

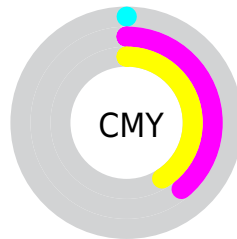


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.193, 26.870 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, 41.193, 26.870 by changing the saturation by 10% instead.

74, 41.193, 26.870

74, 41.193, 26.870

100, 41.193,
26.870

64, 41.193, 26.870

94, 41.193, 26.870

54, 41.193, 26.870

44, 41.193, 26.870

34, 41.193, 26.870

24, 41.193, 26.870

14, 41.193, 26.870

4, 41.193, 26.870

0, 41.193, 26.870

74, 41.193, 26.870

74, 41.193, 26.870

69, 52.959, 28.476

80, 30.036, 25.663

64, 65.114, 30.555

86, 19.613, 24.751

60, 77.287, 33.143

93, 9.954, 24.050

56, 88.856, 36.091

99, 1.039, 22.982

54, 98.512, 38.801

100, 0.135,
204.299

53, 103.881,
40.338

Harmonies

Complementary

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



74, 41.193, 26.870



92, 30.339, 202.480

Rectangle

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



74, 41.193, 26.870



74, 41.193, 76.870



74, 41.193, 206.870



74, 41.193, 256.870

Sweetspot

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



74, 41.191, 26.874



92, 10.695, 24.100



76, 63.597, 327.615



48, 7.132, 24.185



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, 41.191, 26.874



70, 50.368, 28.083



86, 35.840, 73.555



50, 5.015, 23.942



40, 83.577, 40.480



10, 32.416, 29.501

Inverse Universe

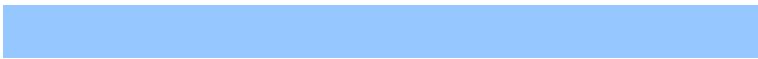
The Inverse Universe completely reimagines the original color for something new.



92, 30.339, 202.480



92, 34.653, 202.445



79, 32.622, 266.308



52, 4.715, 203.288



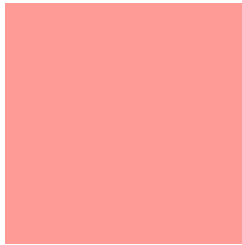
67, 37.871, 204.277



23, 17.545, 203.268

Previews

White Background



This preview shows how the CIELCh color 74, 41.193, 26.870 looks on a white background.

Color Contrast Check

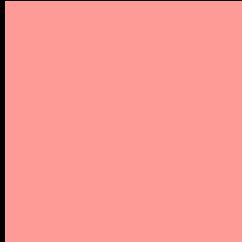
Large Text (above 18pt) WCAG AA × Fail

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, 41.193, 26.870 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, 41.193, 26.870

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.193, 26.870.

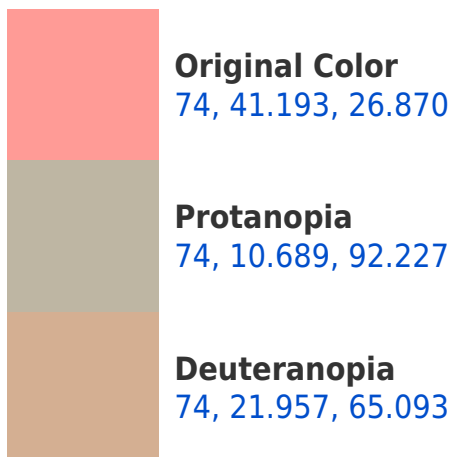


This preview shows how white text looks on a background with the CIELCh color 74, 41.193, 26.870.

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, 41.193, 26.870



Protanomaly
74, 18.188, 44.956



Deuteranomaly
74, 27.089, 45.594



Tritanomaly
74, 40.610, 19.635

Monochromacy



Original Color
74, 41.193, 26.870



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, 41.193, 26.870 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, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 150)  
}
```

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, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.193, 26.870 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, 155, 150) }
```

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

```
.border{ border-color:rgb(255, 155, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.193, 26.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 150) }
```

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

```
.background{ background-color: rgb(255,  
155, 150) }
```

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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