

Converting Colors

CIELCh(74, 42.335, 26.818)

Have a look what the booklet for
CIELCh(74, 42.335, 26.818) contains.

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Color

CIELCh(74, 41.660, 26.892)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A95
RGB	255, 154, 149
RGB Percent	100%, 60%, 58%
CMY	0.0000, 0.3949, 0.4146
CMYK	0.00, 0.39, 0.41, 0.00
HSL	3°, 100%, 79%
HSV	3°, 41%, 100%
XYZ	58.4062, 46.7039, 34.4855
YIQ	183.6290, 61.8010, 19.8570

Conversions

Conversions Part 2

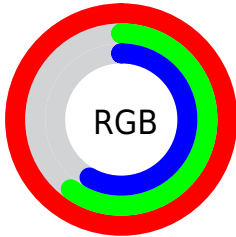
Format	Color
R _Y B	255, 154, 149
Decimal	16751253
CIE Lab	74.00, 37.15, 18.84
CIE LCh	74, 41.660, 26.892
Yxy	46.7039, 0.4184, 0.3346
Android (android.graphics.Color)	4294941333 (0xFFFF9A95)
YUV	183.6290, -17.0721, 62.5924
Hunter-Lab	68.3403, 32.9573, 17.9196

Details

The CIELCh color **74, 41.660, 26.892** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 30.523, 202.458**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.736, 30.698**, and **54, 41.659, 26.975** is the 20% darker color. If you saturate the color by 10%, you get **69, 53.323, 28.510**, and if you desaturate by 10%, it is **80, 30.340, 25.675**.

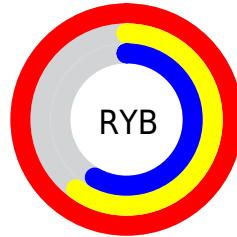
Distribution



Red (100%)

Green (60%)

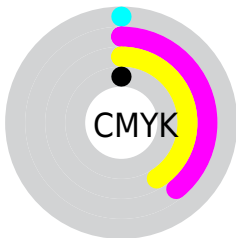
Blue (58%)



Red (100%)

Yellow (60%)

Blue (58%)

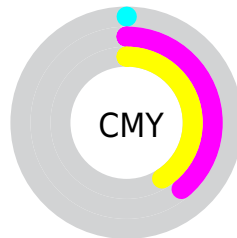


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.660, 26.892 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, 41.660, 26.892 by changing the saturation by 10% instead.

 74, 41.660, 26.892

 74, 41.660, 26.892

 100, 41.660,
26.892

 64, 41.660, 26.892

 94, 41.660, 26.892

 54, 41.660, 26.892

 44, 41.660, 26.892

 34, 41.660, 26.892

 24, 41.660, 26.892

 14, 41.660, 26.892

 4, 41.660, 26.892

 0, 41.660, 26.892

 74, 41.660, 26.892

 74, 41.660, 26.892

■ 69, 53.323, 28.510

■ 80, 30.340, 25.675

■ 64, 65.500, 30.603

■ 86, 19.884, 24.756

■ 60, 77.682, 33.205

■ 92, 10.193, 24.051

■ 56, 89.236, 36.160

■ 99, 1.247, 23.083

■ 54, 98.827, 38.853

100, 0.012,
296.813

■ 54, 104.005,
40.336

Harmonies

Complementary

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



74, 41.660, 26.892



93, 30.523, 202.458

Rectangle

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



74, 41.660, 26.892



74, 41.660, 76.892



74, 41.660, 206.892



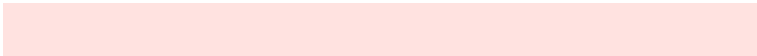
74, 41.660, 256.892

Sweetspot

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



74, 41.526, 26.896



92, 10.696, 24.085



76, 64.027, 327.628



48, 7.133, 24.170



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, 41.526, 26.896



69, 51.570, 28.246



86, 36.113, 73.522



50, 5.016, 23.927



40, 83.579, 40.478



10, 32.419, 29.493

Inverse Universe

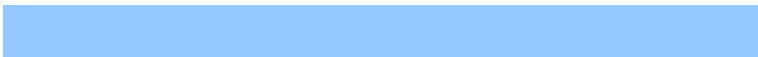
The Inverse Universe completely reimagines the original color for something new.



93, 30.523, 202.458



91, 35.165, 202.426



79, 32.851, 266.369



52, 4.716, 203.271



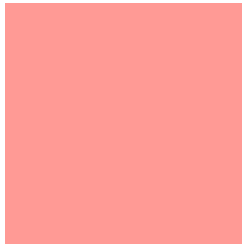
68, 37.879, 204.246



23, 17.548, 203.241

Previews

White Background



This preview shows how the CIELCh color 74, 41.660, 26.892 looks on a white background.

Color Contrast Check

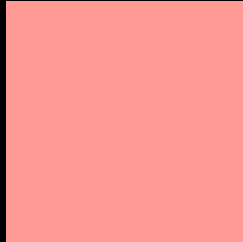
Large Text (above 18pt) WCAG AA × Fail

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, 41.660, 26.892 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, 41.660, 26.892

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.660, 26.892.

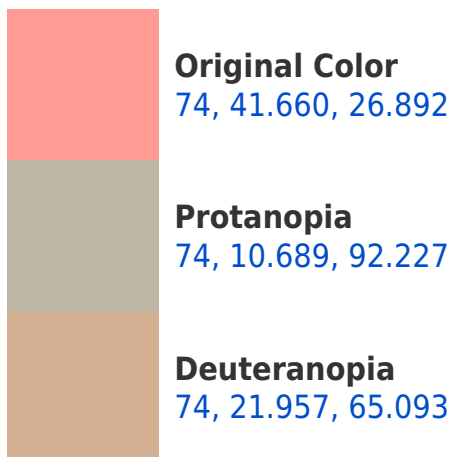


This preview shows how white text looks on a background with the CIELCh color 74, 41.660, 26.892.

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



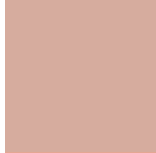


Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 41.660, 26.892



Protanomaly
74, 18.565, 44.455



Deuteranomaly
74, 27.626, 43.988

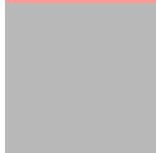


Tritanomaly
74, 40.997, 19.003

Monochromacy



Original Color
74, 41.660, 26.892



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.463, 24.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.660, 26.892 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.660, 26.892 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, 149) }
```

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

```
.border{ border-color:rgb(255, 154, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.660, 26.892 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
154, 149) }
```

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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