

Converting Colors

CIELCh(74, 41.989, 26.218)

Have a look what the booklet for
CIELCh(74, 41.989, 26.218) contains.

CIELCh(74, 41.523, 26.186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 41.523, 26.186)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A96
RGB	255, 154, 150
RGB Percent	100%, 60%, 59%
CMY	0.0000, 0.3952, 0.4109
CMYK	0.00, 0.40, 0.41, 0.00
HSL	2°, 100%, 79%
HSV	2°, 41%, 100%
XYZ	58.4500, 46.7039, 34.8814
YIQ	183.7430, 61.4800, 20.1680

Conversions

Conversions Part 2

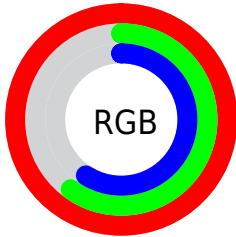
Format	Color
R_{YB}	255, 154, 150
Decimal	16751254
CIE _{Lab}	74.00, 37.26, 18.32
CIE _{LCh}	74, 41.523, 26.186
Yxy	46.7039, 0.4174, 0.3335
Android (android.graphics.Color)	4294941334 (0xFFFF9A96)
YUV	183.7430, -16.6353, 62.4924
Hunter-Lab	68.3403, 33.0719, 17.5761

Details

The CIELCh color **74, 41.523, 26.186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 30.584, 201.458**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.616, 29.071**, and **54, 41.494, 26.231** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.246, 27.850**, and if you desaturate by 10%, it is **80, 30.183, 24.927**.

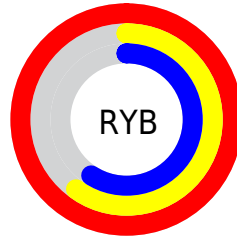
Distribution



Red (100%)

Green (60%)

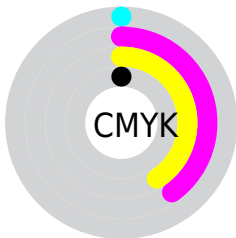
Blue (59%)



Red (100%)

Yellow (60%)

Blue (59%)

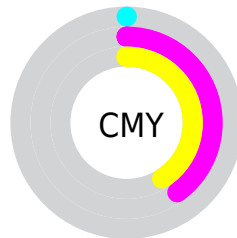


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.523, 26.186 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, 41.523, 26.186 by changing the saturation by 10% instead.

74, 41.523, 26.186

74, 41.523, 26.186

100, 41.523,
26.186

64, 41.523, 26.186

94, 41.523, 26.186

54, 41.523, 26.186

44, 41.523, 26.186

34, 41.523, 26.186

24, 41.523, 26.186

14, 41.523, 26.186

4, 41.523, 26.186

0, 41.523, 26.186

74, 41.523, 26.186

74, 41.523, 26.186

68, 53.246, 27.850

80, 30.183, 24.927

64, 65.438, 30.006

86, 19.676, 23.974

60, 77.613, 32.692

93, 9.934, 23.237

56, 89.150, 35.761

99, 0.938, 22.067

54, 98.759, 38.609

100, 0.012,
296.813

53, 104.118,
40.269

Harmonies

Complementary

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



74, 41.523, 26.186



93, 30.584, 201.458

Rectangle

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



74, 41.523, 26.186



74, 41.523, 76.186



74, 41.523, 206.186



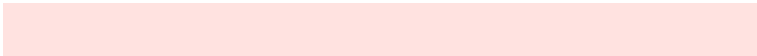
74, 41.523, 256.186

Sweetspot

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



74, 41.415, 26.188



92, 10.789, 23.298



76, 63.489, 327.609



48, 7.195, 23.388



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, 41.415, 26.188



70, 50.734, 27.465



86, 35.764, 73.572



50, 5.060, 23.131



40, 83.703, 40.386



10, 32.594, 29.046

Inverse Universe

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



93, 30.584, 201.458



92, 34.980, 201.372



79, 32.562, 266.277



52, 4.758, 202.410



68, 38.308, 202.645



23, 17.728, 201.853

Previews

White Background



This preview shows how the CIELCh color 74, 41.523, 26.186 looks on a white background.

Color Contrast Check

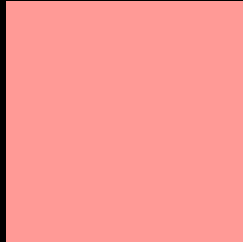
Large Text (above 18pt) WCAG AA × Fail

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, 41.523, 26.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

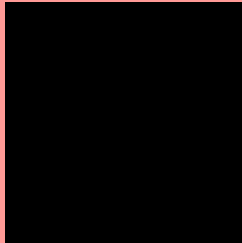
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.523, 26.186

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.523, 26.186.

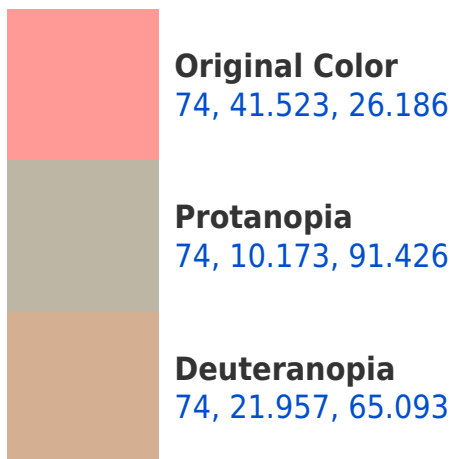


This preview shows how white text looks on a background with the CIELCh color 74, 41.523, 26.186.

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, 41.523, 26.186



Protanomaly

74, 18.311, 42.998



Deuteranomaly

74, 27.358, 43.033



Tritanomaly

74, 40.997, 19.003

Monochromacy



Original Color

74, 41.523, 26.186



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, 41.523, 26.186 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 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, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.523, 26.186 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, 150) }
```

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

```
.border{ border-color:rgb(255, 154, 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, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.523, 26.186 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor