

Converting Colors

CIELCh(74, 37.923, 27.631)

Have a look what the booklet for
CIELCh(74, 37.923, 27.631) contains.

CIELCh(74, 37.923, 27.631)	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, 37.923, 27.631)

Conversions

Conversions Part 1

Format	Color
Hex	F99D97
RGB	249, 157, 151
RGB Percent	98%, 62%, 59%
CMY	0.0219, 0.3828, 0.4064
CMYK	0.00, 0.37, 0.39, 0.02
HSL	4°, 90%, 79%
HSV	4°, 39%, 98%
XYZ	56.9522, 46.7039, 35.4471
YIQ	183.8240, 56.7580, 17.6380

Conversions

Conversions Part 2

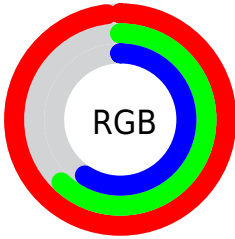
Format	Color
R _Y B	249, 157, 151
Decimal	16358807
CIE Lab	74.00, 33.60, 17.59
CIE LCh	74, 37.923, 27.631
Yxy	46.7039, 0.4094, 0.3358
Android (android.graphics.Color)	4294548887 (0xFFFF99D97)
YUV	183.8240, -16.1822, 57.1594
Hunter-Lab	68.3403, 29.1597, 17.0854

Details

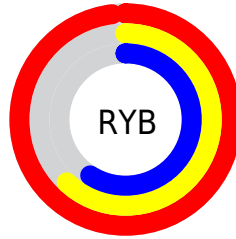
The CIELCh color **74, 37.923, 27.631** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 28.347, 204.031**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.675, 33.031**, and **54, 38.124, 27.455** is the 20% darker color. If you saturate the color by 10%, you get **69, 49.304, 29.058**, and if you desaturate by 10%, it is **80, 27.192, 26.568**.

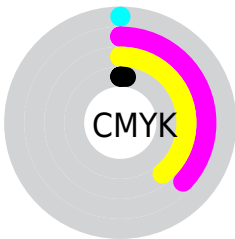
Distribution



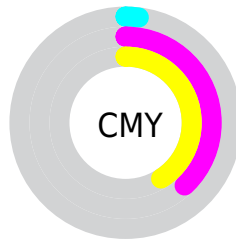
- Red (98%)
- Green (62%)
- Blue (59%)



- Red (98%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (2%)



- Cyan (2%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 37.923, 27.631 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, 37.923, 27.631 by changing the saturation by 10% instead.

74, 37.923, 27.631

74, 37.923, 27.631

100, 37.923,
27.631

64, 37.923, 27.631

94, 37.923, 27.631

54, 37.923, 27.631

44, 37.923, 27.631

34, 37.923, 27.631

24, 37.923, 27.631

14, 37.923, 27.631

4, 37.923, 27.631

0, 37.923, 27.631

74, 37.923, 27.631

74, 37.923, 27.631

69, 49.304, 29.058

80, 27.192, 26.568

64, 61.158, 30.918

86, 17.200, 25.771

60, 73.169, 33.259

92, 7.959, 25.155

56, 84.799, 35.984

99, 0.564, 205.987

54, 94.952, 38.629

100, 1.937,
199.625

53, 101.679,
40.339

52, 102.060,
40.467

Harmonies

Complementary

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



74, 37.923, 27.631



91, 28.347, 204.031

Rectangle

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



74, 37.923, 27.631



74, 37.923, 77.631



74, 37.923, 207.631



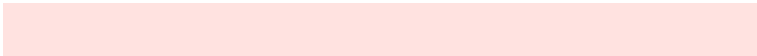
74, 37.923, 257.631

Sweetspot

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



74, 37.921, 27.635



92, 10.559, 25.311



75, 59.143, 328.011



48, 7.041, 25.388



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, 37.921, 27.635



71, 47.475, 28.701



85, 33.768, 75.451



49, 4.870, 25.165



40, 82.544, 40.633



10, 30.951, 29.266

Inverse Universe

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



91, 28.347, 204.031



91, 33.162, 204.051



78, 31.241, 267.534



51, 4.578, 204.614



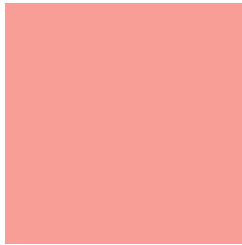
66, 36.905, 206.756



21, 16.844, 205.347

Previews

White Background



This preview shows how the CIELCh color 74, 37.923, 27.631 looks on a white background.

Color Contrast Check

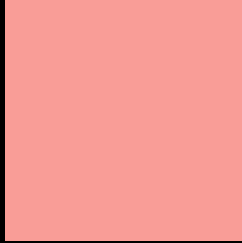
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 37.923, 27.631 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, 37.923, 27.631

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.923, 27.631.

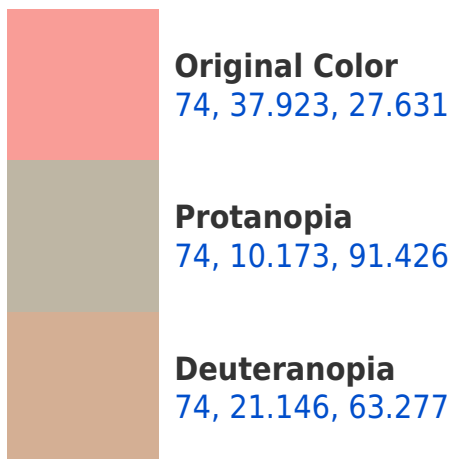


This preview shows how white text looks on a background with the CIELCh color 74, 37.923, 27.631.

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

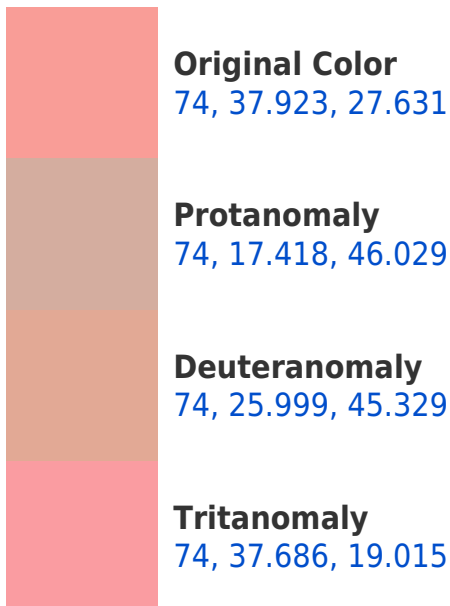




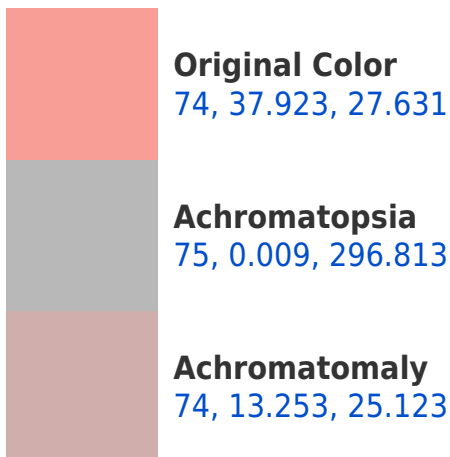
Tritanopia

74, 38.314, 13.666

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.923, 27.631 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(249, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 151)  
}
```

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(249, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.923, 27.631 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(249, 157, 151) }
```

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

```
.border{ border-color:rgb(249, 157, 151) }
```

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

Here you see how a box with a 4 pixel rgb(249, 157, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.923, 27.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 151) }
```

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

```
.background{ background-color: rgb(249,  
157, 151) }
```

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