

Converting Colors

CIELCh(77, 56.192, 35.740)

Have a look what the booklet for
CIELCh(77, 56.192, 35.740) contains.

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Color

CIELCh(74, 44.996, 37.967)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B85
RGB	255, 155, 133
RGB Percent	100%, 61%, 52%
CMY	0.0000, 0.3915, 0.4780
CMYK	0.00, 0.39, 0.48, 0.00
HSL	11°, 100%, 76%
HSV	11°, 48%, 100%
XYZ	57.7157, 46.7039, 28.2036
YIQ	182.3920, 66.6620, 14.3580

Conversions

Conversions Part 2

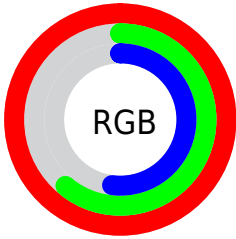
Format	Color
R _Y B	255, 160, 133
Decimal	16751493
CIE Lab	74.00, 35.47, 27.68
CIE LCh	74, 44.996, 37.967
Yxy	46.7039, 0.4352, 0.3522
Android (android.graphics.Color)	4294941573 (0xFFFF9B85)
YUV	182.3920, -24.3503, 63.6772
Hunter-Lab	68.3403, 31.1539, 23.3696

Details

The CIELCh color **74, 44.996, 37.967** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 30.789, 219.915**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.694, 55.258**, and **54, 44.746, 37.907** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.858, 38.897**, and if you desaturate by 10%, it is **79, 33.740, 37.595**.

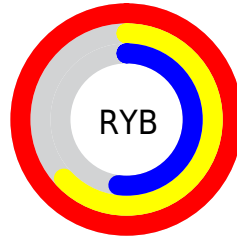
Distribution



Red (100%)

Green (61%)

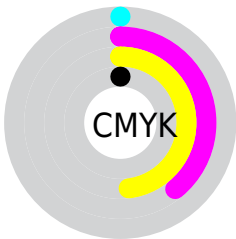
Blue (52%)



Red (100%)

Yellow (63%)

Blue (52%)

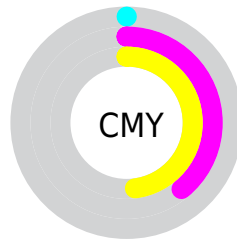


Cyan (0%)

Magenta (39%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.996, 37.967 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, 44.996, 37.967 by changing the saturation by 10% instead.

 74, 44.996, 37.967

 74, 44.996, 37.967

 100, 44.996,
37.967

 64, 44.996, 37.967

 94, 44.996, 37.967

 54, 44.996, 37.967

 44, 44.996, 37.967

 34, 44.996, 37.967

 24, 44.996, 37.967

 14, 44.996, 37.967

 4, 44.996, 37.967

 0, 44.996, 37.967

 74, 44.996, 37.967

 74, 44.996, 37.967

69, 55.858, 38.897

79, 33.740, 37.595

65, 67.764, 39.940

84, 23.788, 37.289

61, 79.743, 41.161

90, 14.599, 37.150

58, 90.824, 42.236

96, 6.134, 37.104

56, 99.107, 42.465

100, 0.012,
296.813

55, 100.617,
42.514

Harmonies

Complementary

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



74, 44.996, 37.967



87, 30.789, 219.915

Rectangle

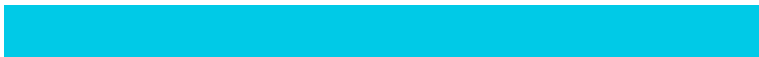
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 44.996, 37.967



74, 44.996, 87.967



74, 44.996, 217.967



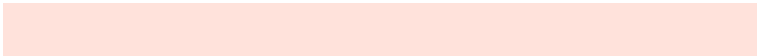
74, 44.996, 267.967

Sweetspot

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



74, 44.453, 38.118



92, 11.301, 37.129



72, 66.732, 332.453



48, 7.873, 37.140



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, 44.453, 38.118



69, 54.925, 38.825



88, 45.410, 84.736



50, 4.504, 37.113



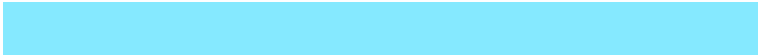
42, 80.609, 42.890



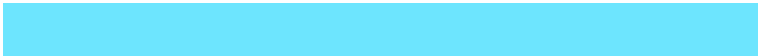
12, 30.260, 36.116

Inverse Universe

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



87, 30.789, 219.915



85, 34.849, 221.107



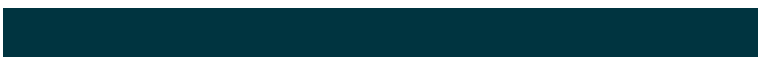
71, 45.179, 279.848



52, 4.239, 217.572



60, 35.146, 231.499



19, 16.134, 226.738

Previews

White Background



This preview shows how the CIELCh color 74, 44.996, 37.967 looks on a white background.

Color Contrast Check

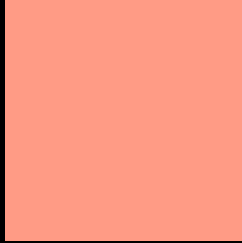
Large Text (above 18pt) WCAG AA × Fail

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, 44.996, 37.967 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, 44.996, 37.967

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.996, 37.967.



This preview shows how white text looks on a background with the CIELCh color 74, 44.996, 37.967.

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



Original Color

74, 44.519, 38.066

Protanopia

74, 20.377, 95.652

Deuteranopia

74, 29.894, 71.626



Tritanopia
74, 41.222, 15.441

Trichromacy



Original Color
74, 44.519, 38.066

Protanomaly
74, 25.013, 61.877

Deuteranomaly
74, 33.556, 55.826

Tritanomaly
74, 41.615, 24.094

Monochromacy



Original Color
74, 44.519, 38.066

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.874, 37.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.996, 37.967 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.996, 37.967 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, 133) }
```

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

```
.border{ border-color:rgb(255, 155, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.996, 37.967 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
155, 133) }
```

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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