

Converting Colors

CIELCh(74, 55.302, 337.669)

Have a look what the booklet for
CIELCh(74, 55.302, 337.669)
contains.

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Color

CIELCh(74, 55.532, 337.602)

Conversions

Conversions Part 1

Format	Color
Hex	FF91DE
RGB	255, 145, 222
RGB Percent	100%, 57%, 87%
CMY	0.0006, 0.4319, 0.1300
CMYK	0.00, 0.43, 0.13, 0.00
HSL	318°, 100%, 78%
HSV	318°, 43%, 100%
XYZ	64.4516, 46.7039, 74.6217
YIQ	186.6680, 40.8430, 47.2670

Conversions

Conversions Part 2

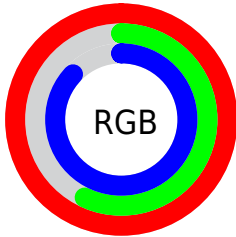
Format	Color
RYB	255, 145, 222
Decimal	16749022
CIELab	74.00, 51.34, -21.16
CIELCh	74, 55.532, 337.602
Yxy	46.7039, 0.3469, 0.2514
Android (android.graphics.Color)	4294939102 (0xFFFF91DE)
YUV	186.6680, 17.4187, 59.9272
Hunter-Lab	68.3403, 48.7476, -16.9014

Details

The CIELCh color $74, 55.532, 337.602$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 54.951, 150.361$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.868, 325.602$, and $54, 55.509, 337.394$ is the 20% darker color. If you saturate the color by 10%, you get $69, 67.047, 338.546$, and if you desaturate by 10%, it is $79, 43.052, 336.739$.

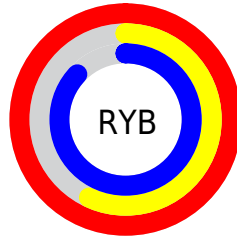
Distribution



Red (100%)

Green (57%)

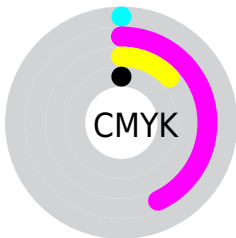
Blue (87%)



Red (100%)

Yellow (57%)

Blue (87%)

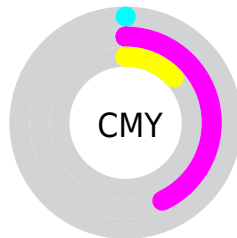


Cyan (0%)

Magenta (43%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 55.532, 337.602 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, 55.532, 337.602 by changing the saturation by 10% instead.


 74, 55.532,
337.602


 74, 55.532,
337.602


 100, 55.532,
337.602


 64, 55.532,
337.602


 94, 55.532,
337.602

 54, 55.532,
337.602

 44, 55.532,
337.602

 34, 55.532,
337.602

 24, 55.532,
337.602

 14, 55.532,
337.602

 4, 55.532, 337.602

■ 0, 55.532, 337.602

■ 74, 55.532,
337.602

■ 74, 55.532,
337.602

■ 69, 67.047,
338.546

■ 79, 43.052,
336.739

■ 65, 77.006,
339.598

■ 85, 30.100,
335.936

■ 61, 84.761,
340.806

■ 92, 17.022,
335.178

■ 59, 89.778,
342.232

■ 98, 4.054, 334.400

■ 57, 91.853,
343.958

100, 0.054,
211.856

■ 57, 91.923,
345.323

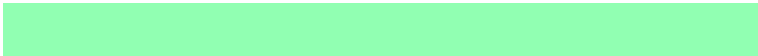
Harmonies

Complementary

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



74, 55.532, 337.602



92, 54.951, 150.361

Rectangle

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



74, 55.532, 337.602



74, 55.532, 27.602



74, 55.532, 157.602



74, 55.532, 207.602

Sweetspot

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



74, 55.529, 337.603



92, 16.827, 335.167



67, 61.530, 304.501



48, 11.791, 335.331



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, 55.529, 337.603



70, 65.815, 338.432



72, 44.375, 7.621



50, 7.340, 334.908



43, 74.317, 344.936



11, 35.015, 342.351

Inverse Universe

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



74, 55.529, 337.603



70, 65.815, 338.432



93, 37.155, 177.660



50, 7.340, 334.908



43, 74.317, 344.936



11, 35.015, 342.351

Previews

White Background



This preview shows how the CIELCh color 74, 55.532, 337.602 looks on a white background.

Color Contrast Check

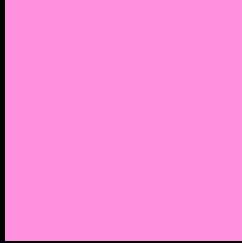
Large Text (above 18pt) WCAG AA × Fail

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, 55.532, 337.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

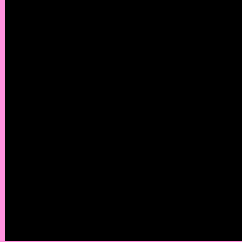
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 55.532, 337.602

Background



This preview shows how black text looks on a background with the CIELCh color 74, 55.532, 337.602.

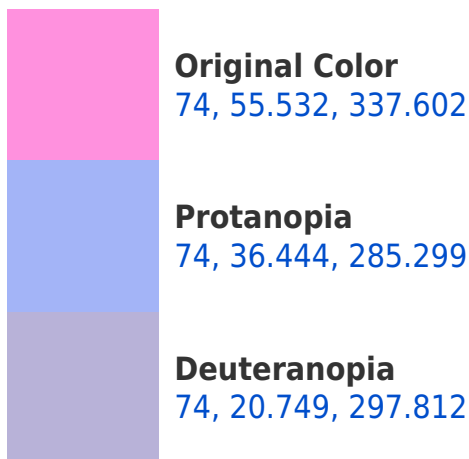


This preview shows how white text looks on a background with the CIELCh color 74, 55.532, 337.602.

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, 37.094, 13.200

Trichromacy



Original Color
74, 55.532, 337.602



Protanomaly
73, 39.904, 307.483



Deuteranomaly
74, 32.218, 321.267



Tritanomaly
74, 41.582, 356.316

Monochromacy



Original Color
74, 55.532, 337.602



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 21.091, 335.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 55.532, 337.602 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, 145, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 222)  
}
```

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, 145, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 55.532, 337.602 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, 145, 222) }
```

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

```
.border{ border-color:rgb(255, 145, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 55.532, 337.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 222) }
```

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

```
.background{ background-color: rgb(255,  
145, 222) }
```

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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