

Converting Colors

CIELCh(77, 63.482, 340.865)

Have a look what the booklet for
CIELCh(77, 63.482, 340.865)
contains.

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Color

CIELCh(74, 58.873, 334.430)

Conversions

Conversions Part 1

Format	Color
Hex	FF90E6
RGB	255, 144, 230
RGB Percent	100%, 56%, 90%
CMY	0.0016, 0.4368, 0.0996
CMYK	0.00, 0.44, 0.10, 0.00
HSL	314°, 99%, 78%
HSV	314°, 44%, 100%
XYZ	65.2313, 46.7039, 80.1492
YIQ	186.9930, 38.5500, 50.2780

Conversions

Conversions Part 2

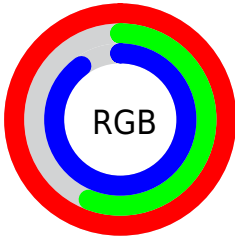
Format	Color
R_{YB}	255, 144, 230
Decimal	16748774
CIE _{Lab}	74.00, 53.11, -25.41
CIE _{LCh}	74, 58.873, 334.430
Yxy	46.7039, 0.3396, 0.2431
Android (android.graphics.Color)	4294938854 (0xFFFF90E6)
YUV	186.9930, 21.2025, 59.6421
Hunter-Lab	68.3403, 50.7841, -21.6969

Details

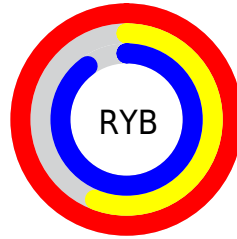
The CIELCh color **74, 58.873, 334.430** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.695, 147.613**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 34.496, 325.624**, and **54, 58.559, 334.451** is the 20% darker color. If you saturate the color by 10%, you get **69, 70.846, 335.213**, and if you desaturate by 10%, it is **79, 45.845, 333.685**.

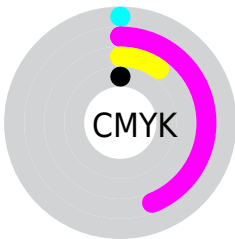
Distribution



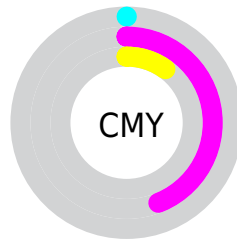
- Red (100%)
- Green (56%)
- Blue (90%)



- Red (100%)
- Yellow (56%)
- Blue (90%)



- Cyan (0%)
- Magenta (44%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 58.873, 334.430 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, 58.873, 334.430 by changing the saturation by 10% instead.


 74, 58.873,
334.430

 74, 58.873,
334.430


 100, 58.873,
334.430


 64, 58.873,
334.430


 94, 58.873,
334.430

 54, 58.873,
334.430

 44, 58.873,
334.430

 34, 58.873,
334.430

 24, 58.873,
334.430

 14, 58.873,
334.430

 4, 58.873, 334.430

0, 58.873, 334.430

74, 58.873,
334.430

74, 58.873,
334.430

69, 70.846,
335.213

79, 45.845,
333.685

65, 81.160,
336.048

85, 32.273,
332.971

62, 89.170,
336.958

91, 18.526,
332.281

59, 94.363,
337.980

98, 4.858, 331.573

58, 96.559,
339.163

100, 0.143,
204.049

57, 96.726,
340.013

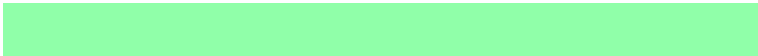
Harmonies

Complementary

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



74, 58.873, 334.430



92, 58.695, 147.613

Rectangle

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



74, 58.873, 334.430



74, 58.873, 24.430



74, 58.873, 154.430



74, 58.873, 204.430

Sweetspot

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



74, 58.870, 334.430



92, 17.745, 332.242



66, 61.947, 302.524



48, 12.432, 332.392



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, 58.870, 334.430



70, 69.131, 335.087



72, 45.349, 2.740



50, 7.743, 332.003



43, 78.222, 339.761



11, 36.709, 338.068

Inverse Universe

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



74, 58.870, 334.430



70, 69.131, 335.087



93, 39.379, 172.524



50, 7.743, 332.003



43, 78.222, 339.761



11, 36.709, 338.068

Previews

White Background



This preview shows how the CIELCh color 74, 58.873, 334.430 looks on a white background.

Color Contrast Check

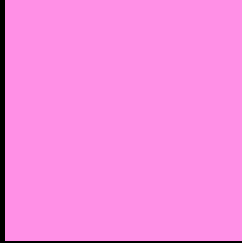
Large Text (above 18pt) WCAG AA × Fail

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, 58.873, 334.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

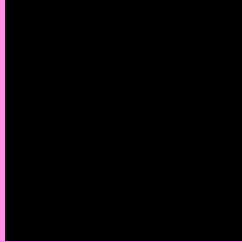
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 58.873, 334.430

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.873, 334.430.

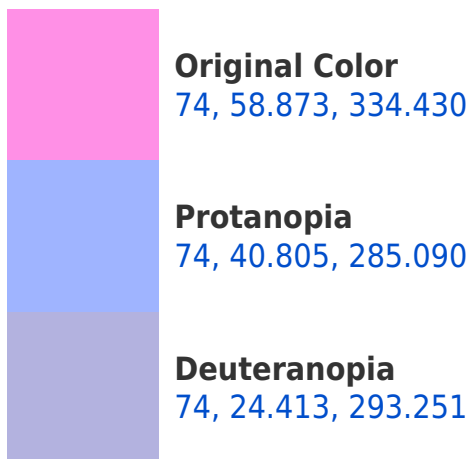


This preview shows how white text looks on a background with the CIELCh color 74, 58.873, 334.430.

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, 36.308, 12.895

Trichromacy



Original Color
74, 58.873, 334.430



Protanomaly
73, 43.939, 305.424



Deuteranomaly
73, 35.610, 316.345



Tritanomaly
74, 42.154, 354.295

Monochromacy



Original Color
74, 58.873, 334.430



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 22.491, 333.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.873, 334.430 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, 144, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 230)  
}
```

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, 144, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.873, 334.430 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, 144, 230) }
```

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

```
.border{ border-color:rgb(255, 144, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.873, 334.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 230) }
```

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

```
.background{ background-color: rgb(255,  
144, 230) }
```

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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