

Converting Colors

CIELCh(74, 40.928, 351.325)

Have a look what the booklet for
CIELCh(74, 40.928, 351.325)
contains.

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Color

CIELCh(74, 40.928, 351.325)

Conversions

Conversions Part 1

Format	Color
Hex	F799C2
RGB	247, 153, 194
RGB Percent	97%, 60%, 76%
CMY	0.0295, 0.3982, 0.2375
CMYK	0.00, 0.38, 0.21, 0.03
HSL	334°, 86%, 79%
HSV	334°, 38%, 97%
XYZ	59.7790, 46.7039, 57.1664
YIQ	185.7800, 42.8630, 32.6790

Conversions

Conversions Part 2

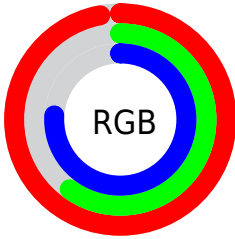
Format	Color
R _Y B	247, 153, 194
Decimal	16226754
CIE Lab	74.00, 40.46, -6.17
CIE LCh	74, 40.928, 351.325
Yxy	46.7039, 0.3653, 0.2854
Android (android.graphics.Color)	4294416834 (0xFFFF799C2)
YUV	185.7800, 4.0525, 53.6899
Hunter-Lab	68.3403, 36.5431, -1.7577

Details

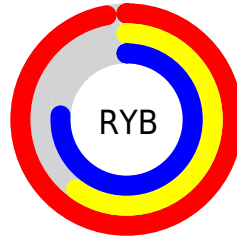
The CIELCh color $74, 40.928, 351.325$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $91, 38.401, 163.385$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 26.775, 328.589$, and $54, 40.859, 351.707$ is the 20% darker color. If you saturate the color by 10%, you get $69, 51.435, 352.853$, and if you desaturate by 10%, it is $80, 30.047, 350.034$.

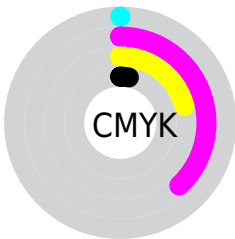
Distribution



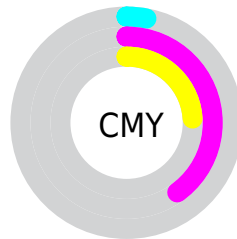
- Red (97%)
- Green (60%)
- Blue (76%)



- Red (97%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.928, 351.325 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, 40.928, 351.325 by changing the saturation by 10% instead.


 74, 40.928,
351.325


 74, 40.928,
351.325


 100, 40.928,
351.325


 64, 40.928,
351.325


 94, 40.928,
351.325

 54, 40.928,
351.325

 44, 40.928,
351.325

 34, 40.928,
351.325

 24, 40.928,
351.325

 14, 40.928,
351.325

 4, 40.928, 351.325

0, 40.928, 351.325

74, 40.928,
351.325

74, 40.928,
351.325

69, 51.435,
352.853

80, 30.047,
350.034

64, 61.119,
354.703

86, 19.129,
348.911

60, 69.427,
356.999

92, 8.387, 347.898

56, 75.830,
359.905

99, 2.058, 167.329

99, 2.605, 199.494

54, 80.026, 3.600

53, 82.244, 8.195

53, 82.626, 9.167

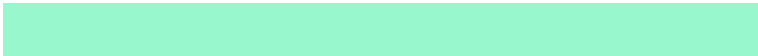
Harmonies

Complementary

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



74, 40.928, 351.325



91, 38.401, 163.385

Rectangle

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



74, 40.928, 351.325



74, 40.928, 41.325



74, 40.928, 171.325



74, 40.928, 221.325

Sweetspot

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



74, 40.925, 351.327



93, 11.871, 348.198



71, 53.959, 312.591



49, 7.991, 348.334



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, 40.925, 351.327



72, 50.596, 352.538



74, 36.586, 26.617



49, 6.022, 348.047



40, 67.353, 8.249



10, 30.609, 1.399

Inverse Universe

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



74, 40.925, 351.327



72, 50.596, 352.538



91, 27.700, 202.778



49, 6.022, 348.047



40, 67.353, 8.249



10, 30.609, 1.399

Previews

White Background



This preview shows how the CIELCh color 74, 40.928, 351.325 looks on a white background.

Color Contrast Check

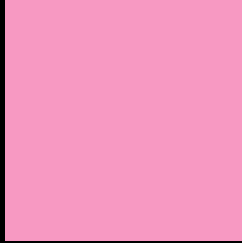
Large Text (above 18pt) WCAG AA × Fail

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, 40.928, 351.325 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, 40.928, 351.325

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.928, 351.325.



This preview shows how white text looks on a background with the CIELCh color 74, 40.928, 351.325.

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, 34.663, 12.207

Trichromacy



Original Color
74, 40.928, 351.325



Protanomaly
74, 22.267, 322.941



Deuteranomaly
74, 21.783, 344.991



Tritanomaly
74, 36.533, 3.531

Monochromacy



Original Color
74, 40.928, 351.325



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 15.103, 348.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.928, 351.325 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(247, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 194)  
}
```

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(247, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.928, 351.325 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(247, 153, 194) }
```

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

```
.border{ border-color:rgb(247, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 153,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.928, 351.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 194) }
```

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

```
.background{ background-color: rgb(247,  
153, 194) }
```

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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