

Converting Colors

CIELCh(74, 24.220, 341.453)

Have a look what the booklet for
CIELCh(74, 24.220, 341.453)
contains.

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Color

CIELCh(74, 24.198, 341.443)

Conversions

Conversions Part 1

Format	Color
Hex	DAA8C5
RGB	218, 168, 197
RGB Percent	85%, 66%, 77%
CMY	0.1468, 0.3428, 0.2291
CMYK	0.00, 0.23, 0.10, 0.15
HSL	325°, 40%, 76%
HSV	325°, 23%, 85%
XYZ	52.7405, 46.7039, 58.8058
YIQ	186.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

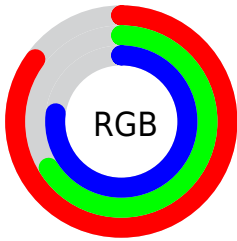
Format	Color
R_{YB}	218, 168, 197
Decimal	14330053
CIE _{Lab}	74.00, 22.94, -7.70
CIE _{LCh}	74, 24.198, 341.443
Yxy	46.7039, 0.3333, 0.2951
Android (android.graphics.Color)	4292520133 (0xFFDAA8C5)
YUV	186.2560, 5.2968, 27.8395
Hunter-Lab	68.3403, 18.1591, -3.1800

Details

The CIELCh color `74, 24.198, 341.443` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `83, 23.742, 157.647`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 19.603, 325.973`, and `54, 23.967, 342.227` is the 20% darker color. If you saturate the color by 10%, you get `69, 34.791, 342.408`, and if you desaturate by 10%, it is `80, 13.565, 340.565`.

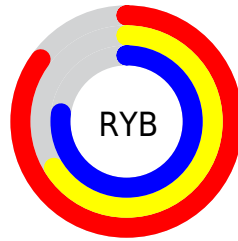
Distribution



Red (85%)

Green (66%)

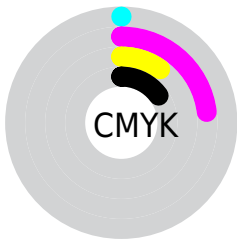
Blue (77%)



Red (85%)

Yellow (66%)

Blue (77%)

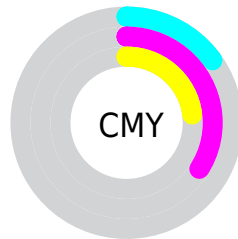


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 24.198, 341.443 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, 24.198, 341.443 by changing the saturation by 10% instead.

 74, 24.198,
341.443

 74, 24.198,
341.443

 100, 24.198,
341.443

 64, 24.198,
341.443


 94, 24.198,
341.443

 54, 24.198,
341.443

 44, 24.198,
341.443

 34, 24.198,
341.443

 24, 24.198,
341.443

 14, 24.198,
341.443

 4, 24.198, 341.443

0, 24.198, 341.443

74, 24.198,
341.443

74, 24.198,
341.443

69, 34.791,
342.408

80, 13.565,
340.565

64, 45.080,
343.486

85, 3.078, 339.672

59, 54.675,
344.720

91, 7.162, 159.129

97, 17.099,
158.420

55, 63.083,
346.170

97, 14.536,
171.888

52, 69.758,
347.921

97, 12.844,
190.381

50, 74.236,
350.088

97, 12.588,

■ 48, 76.328,
352.806

198.665

■ 47, 76.742,
355.038

Harmonies

Complementary

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



74, 24.198, 341.443



83, 23.742, 157.647

Rectangle

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



74, 24.198, 341.443



74, 24.198, 31.443



74, 24.198, 161.443



74, 24.198, 211.443

Sweetspot

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



74, 24.195, 341.444



95, 8.280, 340.064



72, 28.307, 307.326



50, 5.383, 340.116



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, 24.195, 341.444



82, 33.607, 341.941



73, 19.597, 14.626



43, 5.956, 340.266



38, 64.954, 354.467



6, 26.046, 348.804

Inverse Universe

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



74, 24.195, 341.444



82, 33.607, 341.941



83, 17.234, 190.837



43, 5.956, 340.266



38, 64.954, 354.467



6, 26.046, 348.804

Previews

White Background



This preview shows how the CIELCh color 74, 24.198, 341.443 looks on a white background.

Color Contrast Check

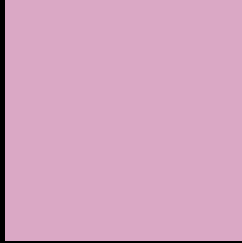
Large Text (above 18pt) WCAG AA × Fail

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, 24.198, 341.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

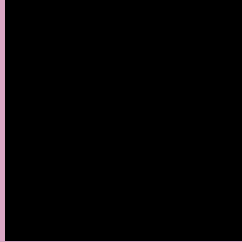
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 24.198, 341.443

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.198, 341.443.



This preview shows how white text looks on a background with the CIELCh color 74, 24.198, 341.443.

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, 24.198, 341.443

Protanopia

74, 13.003, 288.316

Deuteranopia

74, 11.622, 323.396



Tritanopia
74, 18.834, 359.369

Trichromacy



Original Color
74, 24.198, 341.443

Protanomaly
74, 15.441, 314.781

Deuteranomaly
74, 16.029, 332.925

Tritanomaly
74, 20.753, 351.834

Monochromacy



Original Color
74, 24.198, 341.443

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.977, 338.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.198, 341.443 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(218, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 197)  
}
```

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(218, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.198, 341.443 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(218, 168, 197) }
```

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

```
.border{ border-color:rgb(218, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(218, 168,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.198, 341.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 197) }
```

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

```
.background{ background-color: rgb(218,  
168, 197) }
```

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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