

Converting Colors

CIELCh(74, 22.993, 342.266)

Have a look what the booklet for
CIELCh(74, 22.993, 342.266)
contains.

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Color

CIELCh(74, 22.993, 342.266)

Conversions

Conversions Part 1

Format	Color
Hex	D8A8C3
RGB	216, 168, 195
RGB Percent	85%, 66%, 76%
CMY	0.1518, 0.3401, 0.2342
CMYK	0.00, 0.22, 0.10, 0.15
HSL	326°, 38%, 75%
HSV	326°, 22%, 85%
XYZ	52.3413, 46.7039, 58.0537
YIQ	185.4300, 19.9410, 18.5730

Conversions

Conversions Part 2

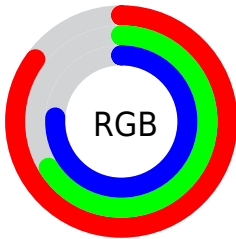
Format	Color
R _Y B	216, 168, 195
Decimal	14198979
CIE Lab	74.00, 21.90, -7.00
CIE LCh	74, 22.993, 342.266
Yxy	46.7039, 0.3332, 0.2973
Android (android.graphics.Color)	4292389059 (0xFFD8A8C3)
YUV	185.4300, 4.7180, 26.8099
Hunter-Lab	68.3403, 17.1162, -2.5275

Details

The CIELCh color $74, 22.993, 342.266$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 22.531, 158.556$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.779, 327.795$, and $54, 22.715, 343.123$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.441, 343.249$, and if you desaturate by 10%, it is $80, 12.534, 341.373$.

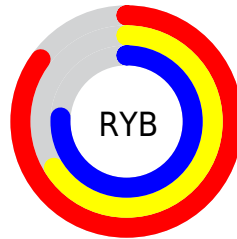
Distribution



Red (85%)

Green (66%)

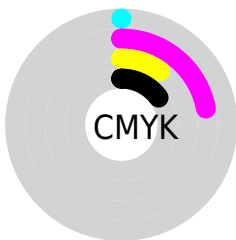
Blue (76%)



Red (85%)

Yellow (66%)

Blue (76%)

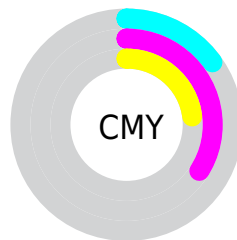


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.993, 342.266 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, 22.993, 342.266 by changing the saturation by 10% instead.

 74, 22.993,
342.266

 74, 22.993,
342.266

 100, 22.993,
342.266

 64, 22.993,
342.266

 94, 22.993,
342.266

 54, 22.993,
342.266

 44, 22.993,
342.266

 34, 22.993,
342.266

 24, 22.993,
342.266

 14, 22.993,
342.266

 4, 22.993, 342.266

■ 0, 22.993, 342.266

■ 74, 22.993,
342.266

■ 74, 22.993,
342.266

■ 69, 33.441,
343.249

■ 80, 12.534,
341.373

■ 64, 43.626,
344.352

■ 85, 2.237, 340.422

■ 59, 53.175,
345.620

■ 91, 7.802, 159.919

■ 55, 61.607,
347.116

■ 97, 17.535,
159.210

■ 52, 68.385,
348.928

■ 97, 14.831,
173.175

■ 49, 73.038,
351.178

■ 97, 13.187,
192.075

■ 97, 12.998,

■ 48, 75.356,
354.008

198.638

■ 47, 75.924,
356.620

Harmonies

Complementary

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



74, 22.993, 342.266



83, 22.531, 158.556

Rectangle

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



74, 22.993, 342.266



74, 22.993, 32.266



74, 22.993, 162.266



74, 22.993, 212.266

Sweetspot

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



74, 22.990, 342.268



95, 8.179, 340.929



72, 27.262, 307.851



50, 5.317, 340.982



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, 22.990, 342.268



83, 32.031, 342.751



73, 18.791, 15.839



42, 5.770, 341.133



37, 63.837, 355.985



5, 24.255, 349.964

Inverse Universe

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



74, 22.990, 342.268



83, 32.031, 342.751



83, 16.524, 192.349



42, 5.770, 341.133



37, 63.837, 355.985



5, 24.255, 349.964

Previews

White Background



This preview shows how the CIELCh color 74, 22.993, 342.266 looks on a white background.

Color Contrast Check

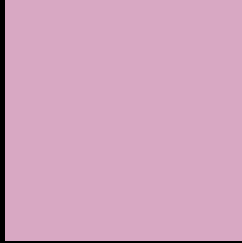
Large Text (above 18pt) WCAG AA × Fail

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, 22.993, 342.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

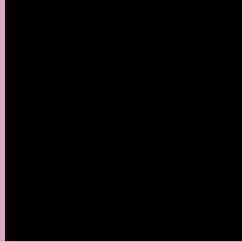
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.993, 342.266

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.993, 342.266.



This preview shows how white text looks on a background with the CIELCh color 74, 22.993, 342.266.

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, 22.993, 342.266

Protanopia

74, 11.923, 287.919

Deuteranopia

74, 11.385, 326.458



Tritanopia
74, 18.476, 358.878

Trichromacy



Original Color
74, 22.993, 342.266

Protanomaly
74, 14.461, 316.487

Deuteranomaly
74, 15.265, 335.680

Tritanomaly
74, 19.857, 352.038

Monochromacy



Original Color
74, 22.993, 342.266

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.005, 342.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.993, 342.266 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(216, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(216, 168, 195)  
}
```

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(216, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 168, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.993, 342.266 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(216, 168, 195) }
```

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

```
.border{ border-color:rgb(216, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 168,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.993, 342.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 168, 195) }
```

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

```
.background{ background-color: rgb(216,  
168, 195) }
```

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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