

Converting Colors

CIELCh(74, 23.895, 323.541)

Have a look what the booklet for
CIELCh(74, 23.895, 323.541)
contains.

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Color

CIELCh(74, 23.720, 323.888)

Conversions

Conversions Part 1

Format	Color
Hex	CEABD0
RGB	206, 171, 208
RGB Percent	81%, 67%, 82%
CMY	0.1928, 0.3301, 0.1850
CMYK	0.01, 0.18, 0.00, 0.18
HSL	297°, 28%, 74%
HSV	297°, 18%, 82%
XYZ	51.2993, 46.7039, 65.8723
YIQ	185.6830, 8.9830, 18.9270

Conversions

Conversions Part 2

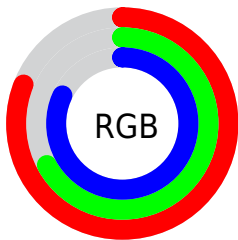
Format	Color
R _Y B	206, 171, 208
Decimal	13544400
CIE Lab	74.00, 19.16, -13.98
CIE LCh	74, 23.720, 323.888
Yxy	46.7039, 0.3130, 0.2850
Android (android.graphics.Color)	4291734480 (0xFFCEABD0)
YUV	185.6830, 11.0023, 17.8180
Hunter-Lab	68.3403, 14.3946, -9.3106

Details

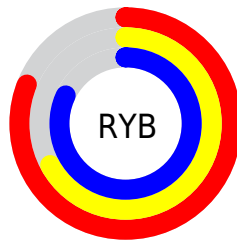
The CIELCh color `74, 23.720, 323.888` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `80, 23.656, 141.957`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 18.134, 325.054`, and `54, 23.544, 323.202` is the 20% darker color. If you saturate the color by 10%, you get `69, 37.086, 324.396`, and if you desaturate by 10%, it is `79, 10.337, 323.362`.

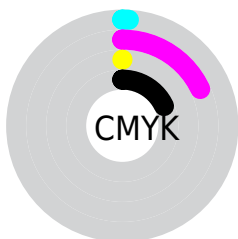
Distribution



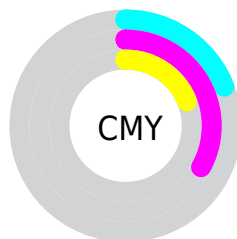
- Red (81%)
- Green (67%)
- Blue (82%)



- Red (81%)
- Yellow (67%)
- Blue (82%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (33%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.720, 323.888 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, 23.720, 323.888 by changing the saturation by 10% instead.

 74, 23.720,
323.888

 74, 23.720,
323.888

 100, 23.720,
323.888


 64, 23.720,
323.888

 94, 23.720,
323.888

 54, 23.720,
323.888

 44, 23.720,
323.888

 34, 23.720,
323.888

 24, 23.720,
323.888

 14, 23.720,
323.888

 4, 23.720, 323.888

0, 23.720, 323.888

74, 23.720,
323.888

74, 23.720,
323.888

69, 37.086,
324.396

79, 10.337,
323.362

64, 50.178,
324.878

85, 2.880, 142.966

60, 62.629,
325.316

90, 15.819,
142.400

56, 73.972,
325.688

96, 28.418,
141.918

53, 83.675,
325.972

96, 28.823,
141.305

50, 91.228,
326.145

96, 28.602,
140.672

■ 49, 96.283,
326.194

■ 96, 28.384,
140.028

■ 48, 98.901,
326.120

■ 96, 28.170,
139.371

■ 47, 99.340,
326.097

■ 96, 27.959,
138.702

Harmonies

Complementary

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



74, 23.720, 323.888



80, 23.656, 141.957

Rectangle

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



74, 23.720, 323.888



74, 23.720, 13.888



74, 23.720, 143.888



74, 23.720, 193.888

Sweetspot

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



74, 23.718, 323.888



97, 7.810, 323.209



72, 18.836, 289.425



51, 5.331, 323.250



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, 23.718, 323.888



87, 33.069, 324.065



74, 17.844, 341.646



41, 7.566, 323.449



38, 84.904, 326.128



5, 30.668, 325.846

Inverse Universe

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



73, 14.361, 16.351



86, 20.248, 16.715



80, 17.560, 158.776



41, 4.465, 15.552



35, 74.244, 37.635



4, 20.024, 16.945

Previews

White Background



This preview shows how the CIELCh color 74, 23.720, 323.888 looks on a white background.

Color Contrast Check

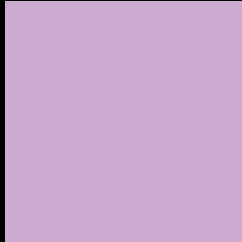
Large Text (above 18pt) WCAG AA × Fail

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, 23.720, 323.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

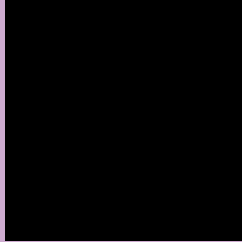
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.720, 323.888

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.720, 323.888.




This preview shows how white text looks on a background with the CIELCh color 74, 23.720, 323.888.

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, 13.250, 345.798

Trichromacy



Original Color
74, 23.720, 323.888

Protanomaly
74, 19.305, 301.293

Deuteranomaly
74, 18.713, 312.927

Tritanomaly
74, 16.545, 334.918

Monochromacy



Original Color
74, 23.720, 323.888

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.993, 322.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.720, 323.888 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(206, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 171, 208)  
}
```

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(206, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 171, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.720, 323.888 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(206, 171, 208) }
```

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

```
.border{ border-color:rgb(206, 171, 208) }
```

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

Here you see how a box with a 4 pixel rgb(206, 171, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 171,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.720, 323.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 171, 208) }
```

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

```
.background{ background-color: rgb(206,  
171, 208) }
```

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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