

Converting Colors

CIELCh(73, 24.446, 324.064)

Have a look what the booklet for
CIELCh(73, 24.446, 324.064)
contains.

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Color

CIELCh(73, 24.421, 323.962)

Conversions

Conversions Part 1

Format	Color
Hex	CCA8CE
RGB	204, 168, 206
RGB Percent	80%, 66%, 81%
CMY	0.2010, 0.3421, 0.1931
CMYK	0.01, 0.18, 0.00, 0.19
HSL	297°, 28%, 73%
HSV	297°, 18%, 81%
XYZ	49.9038, 45.1644, 64.3232
YIQ	183.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

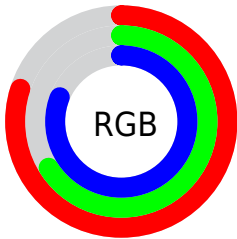
Format	Color
RYB	204, 168, 206
Decimal	13412558
CIELab	73.00, 19.75, -14.37
CIElCh	73, 24.421, 323.962
Yxy	45.1644, 0.3131, 0.2834
Android (android.graphics.Color)	4291602638 (0xFFCCA8CE)
YUV	183.0960, 11.2917, 18.3328
Hunter-Lab	67.2044, 14.9403, -9.7050

Details

The CIELCh color $73, 24.421, 323.962$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 24.355, 141.950$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $53, 24.481, 324.119$ is the 20% darker color. If you saturate the color by 10%, you get $68, 37.674, 324.469$, and if you desaturate by 10%, it is $78, 11.135, 323.437$.

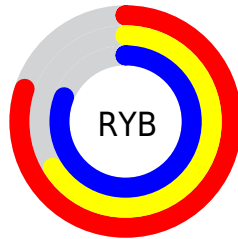
Distribution



Red (80%)

Green (66%)

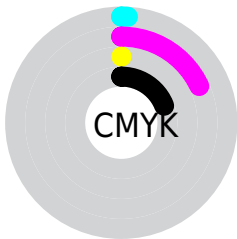
Blue (81%)



Red (80%)

Yellow (66%)

Blue (81%)

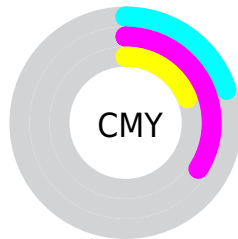


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (20%)


Magenta (34%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 24.421, 323.962 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 73, 24.421, 323.962 by changing the saturation by 10% instead.


 73, 24.421,
323.962

 73, 24.421,
323.962


 100, 24.421,
323.962


 63, 24.421,
323.962


 93, 24.421,
323.962

 53, 24.421,
323.962

 43, 24.421,
323.962

 33, 24.421,
323.962

 23, 24.421,
323.962

 13, 24.421,
323.962

 3, 24.421, 323.962

0, 24.421, 323.962

73, 24.421,
323.962

73, 24.421,
323.962

68, 37.674,
324.469

78, 11.135,
323.437

63, 50.633,
324.949

84, 1.994, 143.077

59, 62.928,
325.384

89, 14.856,
142.471

55, 74.090,
325.753

94, 27.382,
141.987

52, 83.590,
326.031

96, 30.166,
141.442

50, 90.930,
326.199

96, 29.952,
140.863

■ 48, 95.781,
326.243

■ 96, 29.740,
140.274

■ 47, 98.280,
326.169

■ 96, 29.532,
139.675

■ 47, 98.587,
326.154

■ 96, 29.327,
139.065

Harmonies

Complementary

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



73, 24.421, 323.962



79, 24.355, 141.950

Rectangle

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



73, 24.421, 323.962



73, 24.421, 13.962



73, 24.421, 143.962



73, 24.421, 193.962

Sweetspot

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



73, 24.419, 323.962



96, 9.382, 323.306



71, 19.405, 289.512



51, 6.226, 323.343



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 24.419, 323.962



86, 34.664, 324.158



73, 18.369, 341.705



40, 7.416, 323.487



38, 83.944, 326.185



5, 28.518, 325.485

Inverse Universe

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



72, 14.810, 16.530



85, 21.287, 16.938



79, 18.066, 158.715



40, 4.374, 15.664



34, 73.428, 37.652



4, 17.940, 16.810

Previews

White Background



This preview shows how the CIELCh color 73, 24.421, 323.962 looks on a white background.

Color Contrast Check

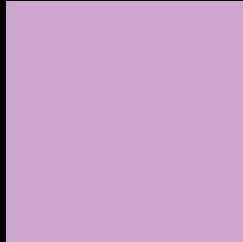
Large Text (above 18pt) WCAG AA × Fail

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 73, 24.421, 323.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

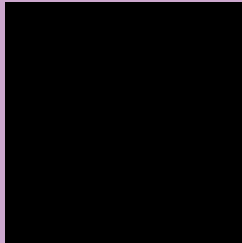
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 24.421, 323.962

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.421, 323.962.



This preview shows how white text looks on a background with the CIELCh color 73, 24.421, 323.962.

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


73, 24.421, 323.962

Protanopia

73, 18.531, 285.597

Deuteranopia

73, 16.221, 304.276



Tritanopia
73, 13.602, 346.775

Trichromacy



Original Color
73, 24.421, 323.962

Protanomaly
73, 19.959, 302.078

Deuteranomaly
73, 19.400, 313.363

Tritanomaly
73, 17.226, 334.596

Monochromacy



Original Color
73, 24.421, 323.962

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.222, 324.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.421, 323.962 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(204, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 206)  
}
```

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(204, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.421, 323.962 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(204, 168, 206) }
```

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

```
.border{ border-color:rgb(204, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(204, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.421, 323.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 206) }
```

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

```
.background{ background-color: rgb(204,  
168, 206) }
```

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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