

Converting Colors

CIELCh(71, 26.239, 324.122)

Have a look what the booklet for
CIELCh(71, 26.239, 324.122)
contains.

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Color

CIELCh(71, 26.489, 324.165)

Conversions

Conversions Part 1

Format	Color
Hex	C8A1CA
RGB	200, 161, 202
RGB Percent	78%, 63%, 79%
CMY	0.2145, 0.3675, 0.2067
CMYK	0.01, 0.20, 0.00, 0.21
HSL	297°, 28%, 71%
HSV	297°, 20%, 79%
XYZ	47.3887, 42.1875, 61.7060
YIQ	177.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

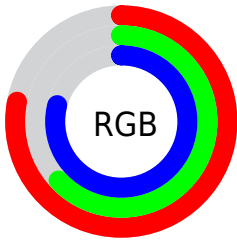
Format	Color
RYB	200, 161, 202
Decimal	13148618
CIELab	71.00, 21.47, -15.51
CIELCh	71, 26.489, 324.165
Yxy	42.1875, 0.3132, 0.2789
Android (android.graphics.Color)	4291338698 (0xFFC8A1CA)
YUV	177.3350, 12.1598, 19.8772
Hunter-Lab	64.9519, 16.5673, -10.8607

Details

The CIELCh color $71, 26.489, 324.165$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 26.420, 141.926$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $51, 26.685, 324.371$ is the 20% darker color. If you saturate the color by 10%, you get $66, 39.541, 324.670$, and if you desaturate by 10%, it is $76, 13.361, 323.642$.

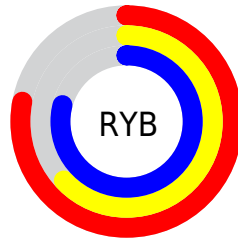
Distribution



Red (78%)

Green (63%)

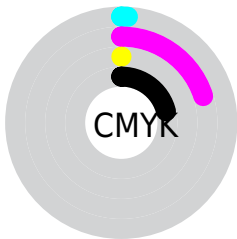
Blue (79%)



Red (78%)

Yellow (63%)

Blue (79%)

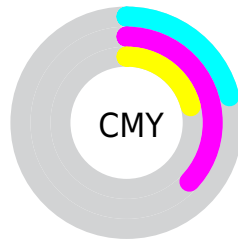


Cyan (1%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (37%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 26.489, 324.165 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 71, 26.489, 324.165 by changing the saturation by 10% instead.


 71, 26.489,
324.165


 71, 26.489,
324.165


 100, 26.489,
324.165


 61, 26.489,
324.165


 91, 26.489,
324.165

 51, 26.489,
324.165

 41, 26.489,
324.165

 31, 26.489,
324.165

 21, 26.489,
324.165

 11, 26.489,
324.165

 1, 26.489, 324.165

0, 26.489, 324.165

71, 26.489,
324.165

71, 26.489,
324.165

66, 39.541,
324.670

76, 13.361,
323.642

62, 52.242,
325.146

81, 0.358, 322.454

57, 64.206,
325.573

87, 12.397,
142.667

54, 74.959,
325.930

92, 24.831,
142.174

51, 83.977,
326.195

96, 32.438,
141.702

49, 90.790,
326.348

96, 32.241,
141.219

■ 47, 95.127,
326.379

■ 96, 32.047,
140.728

■ 46, 97.318,
326.308

■ 96, 31.855,
140.229

■ 96, 31.664,
139.723

Harmonies

Complementary

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



71, 26.489, 324.165



78, 26.420, 141.926

Rectangle

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



71, 26.489, 324.165



71, 26.489, 14.165



71, 26.489, 144.165



71, 26.489, 194.165

Sweetspot

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



71, 26.487, 324.165



96, 9.394, 323.414



68, 21.472, 290.467



51, 6.233, 323.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 26.487, 324.165



85, 37.863, 324.372



71, 19.697, 342.723



40, 7.425, 323.596



38, 83.922, 326.335



5, 28.558, 325.637

Inverse Universe

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



70, 16.140, 17.023



84, 23.388, 17.472



78, 19.313, 159.352



40, 4.373, 15.979



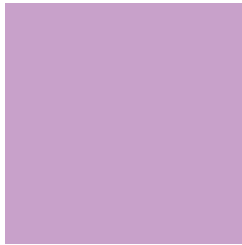
34, 73.581, 37.816



4, 17.936, 17.002

Previews

White Background



This preview shows how the CIELCh color 71, 26.489, 324.165 looks on a white background.

Color Contrast Check

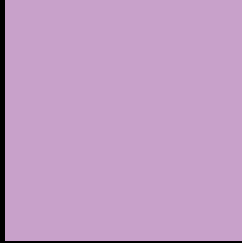
Large Text (above 18pt) WCAG AA × Fail

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 71, 26.489, 324.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

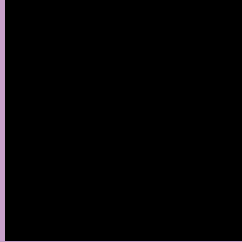
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 26.489, 324.165

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.489, 324.165.

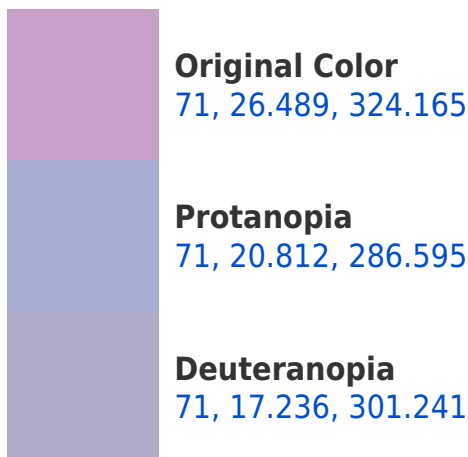


This preview shows how white text looks on a background with the CIELCh color 71, 26.489, 324.165.

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
71, 13.464, 351.673

Trichromacy



Original Color
71, 26.489, 324.165

Protanomaly
71, 21.697, 301.443

Deuteranomaly
71, 19.879, 311.830

Tritanomaly
71, 17.846, 336.457

Monochromacy



Original Color
71, 26.489, 324.165

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 9.720, 323.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.489, 324.165 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(200, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 202)  
}
```

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(200, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.489, 324.165 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(200, 161, 202) }
```

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

```
.border{ border-color:rgb(200, 161, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.489, 324.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 202) }
```

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

```
.background{ background-color: rgb(200,  
161, 202) }
```

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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