

Converting Colors

CIELCh(73, 28.406, 319.773)

Have a look what the booklet for
CIELCh(73, 28.406, 319.773)
contains.

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Color

CIELCh(73, 28.291, 319.897)

Conversions

Conversions Part 1

Format	Color
Hex	CCA7D5
RGB	204, 167, 213
RGB Percent	80%, 65%, 84%
CMY	0.2008, 0.3459, 0.1655
CMYK	0.04, 0.22, 0.00, 0.17
HSL	288°, 35%, 74%
HSV	288°, 22%, 83%
XYZ	50.6093, 45.1644, 68.8606
YIQ	183.3070, 7.2860, 22.1500

Conversions

Conversions Part 2

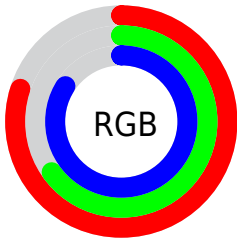
Format	Color
R_{YB}	204, 167, 213
Decimal	13412309
CIE _{Lab}	73.00, 21.64, -18.22
CIE _{LCh}	73, 28.291, 319.897
Yxy	45.1644, 0.3074, 0.2743
Android (android.graphics.Color)	4291602389 (0xFFCCA7D5)
YUV	183.3070, 14.6386, 18.1478
Hunter-Lab	67.2044, 16.8142, -13.7080

Details

The CIELCh color $73, 28.291, 319.897$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 28.009, 137.858$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.651, 325.143$, and $53, 27.925, 319.705$ is the 20% darker color. If you saturate the color by 10%, you get $68, 41.512, 320.341$, and if you desaturate by 10%, it is $79, 15.093, 319.440$.

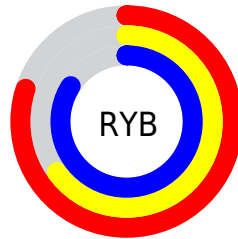
Distribution



Red (80%)

Green (65%)

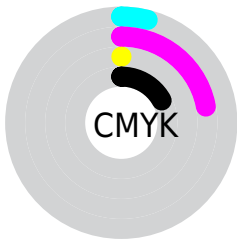
Blue (84%)



Red (80%)

Yellow (65%)

Blue (84%)

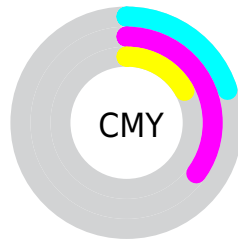


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (17%)



Cyan (20%)


Magenta (35%)


Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 28.291, 319.897 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, 28.291, 319.897 by changing the saturation by 10% instead.


 73, 28.291,
319.897


 73, 28.291,
319.897


 100, 28.291,
319.897


 63, 28.291,
319.897


 93, 28.291,
319.897

 53, 28.291,
319.897

 43, 28.291,
319.897

 33, 28.291,
319.897

 23, 28.291,
319.897

 13, 28.291,
319.897

 3, 28.291, 319.897

0, 28.291, 319.897

73, 28.291,
319.897

73, 28.291,
319.897

68, 41.512,
320.341

79, 15.093,
319.440

62, 54.519,
320.755

84, 2.082, 318.906

58, 66.953,
321.111

90, 10.650,
138.606

53, 78.333,
321.374

96, 23.051,
138.191

50, 88.074,
321.501

97, 24.191,
135.612

47, 95.580,
321.447

97, 23.519,
132.469

45, 100.422,
321.173

97, 22.921,
129.117

43, 102.702,
320.792

98, 22.406,
125.565

98, 21.983,
121.830

Harmonies

Complementary

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



73, 28.291, 319.897



82, 28.009, 137.858

Rectangle

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



73, 28.291, 319.897



73, 28.291, 9.897



73, 28.291, 139.897



73, 28.291, 189.897

Sweetspot

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



73, 28.289, 319.897



96, 8.990, 319.179



72, 20.184, 283.258



51, 5.966, 319.212



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, 28.289, 319.897



83, 39.497, 320.106



73, 24.257, 335.800



42, 7.403, 319.339



35, 87.168, 320.896



5, 31.551, 320.873

Inverse Universe

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



73, 18.350, 5.788



83, 25.849, 6.394



81, 24.047, 152.648



42, 4.695, 4.392



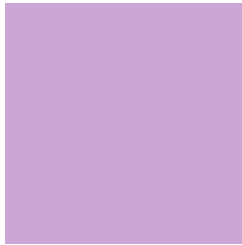
36, 68.826, 29.432



5, 22.049, 11.058

Previews

White Background



This preview shows how the CIELCh color 73, 28.291, 319.897 looks on a white background.

Color Contrast Check

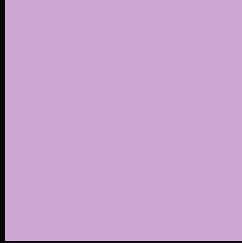
Large Text (above 18pt) WCAG AA × Fail

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, 28.291, 319.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

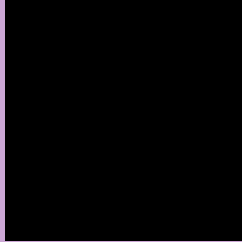
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 28.291, 319.897

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.291, 319.897.



This preview shows how white text looks on a background with the CIELCh color 73, 28.291, 319.897.

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
73, 12.674, 346.821

Trichromacy



Original Color
73, 28.291, 319.897

Protanomaly
73, 23.608, 299.026

Deuteranomaly
73, 22.655, 307.372

Tritanomaly
73, 17.767, 331.246

Monochromacy



Original Color
73, 28.291, 319.897

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.597, 319.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.291, 319.897 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, 167, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 213)  
}
```

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, 167, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.291, 319.897 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, 167, 213) }
```

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

```
.border{ border-color:rgb(204, 167, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.291, 319.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 213) }
```

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

```
.background{ background-color: rgb(204,  
167, 213) }
```

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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