

Converting Colors

CIELCh(73, 28.212, 294.215)

Have a look what the booklet for
CIELCh(73, 28.212, 294.215)
contains.

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Color

CIELCh(73, 28.316, 294.185)

Conversions

Conversions Part 1

Format	Color
Hex	B0AEE2
RGB	176, 174, 226
RGB Percent	69%, 68%, 89%
CMY	0.3086, 0.3164, 0.1125
CMYK	0.22, 0.23, 0.00, 0.11
HSL	242°, 48%, 79%
HSV	242°, 23%, 89%
XYZ	46.9407, 45.1644, 78.4256
YIQ	180.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

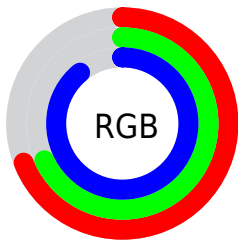
Format	Color
RYB	176, 174, 226
Decimal	11579106
CIELab	73.00, 11.60, -25.83
CIELCh	73, 28.316, 294.185
Yxy	45.1644, 0.2753, 0.2648
Android (android.graphics.Color)	4289769186 (0xFFB0AEE2)
YUV	180.5260, 22.4187, -3.9693
Hunter-Lab	67.2044, 7.0702, -22.1465

Details

The CIELCh color $73, 28.316, 294.185$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $89, 26.826, 109.603$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.528, 295.577$, and $53, 28.404, 294.276$ is the 20% darker color. If you saturate the color by 10%, you get $66, 41.503, 295.585$, and if you desaturate by 10%, it is $80, 15.670, 292.989$.

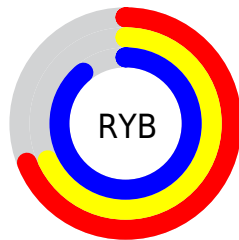
Distribution



Red (69%)

Green (68%)

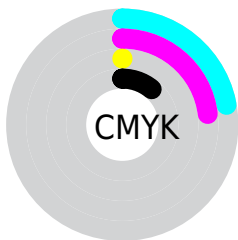
Blue (89%)



Red (69%)

Yellow (68%)

Blue (89%)

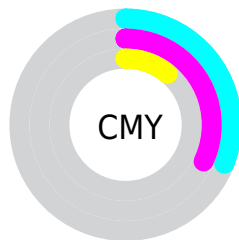


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (31%)


Magenta (32%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.316, 294.185 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, 28.316, 294.185 by changing the saturation by 10% instead.


 73, 28.316,
294.185


 73, 28.316,
294.185


 100, 28.316,
294.185


 63, 28.316,
294.185


 93, 28.316,
294.185


 53, 28.316,
294.185

 43, 28.316,
294.185

 33, 28.316,
294.185

 23, 28.316,
294.185

 13, 28.316,
294.185

 3, 28.316, 294.185

■ 0, 28.316, 294.185

■ 73, 28.316,
294.185

■ 73, 28.316,
294.185

■ 66, 41.503,
295.585

■ 80, 15.670,
292.989

■ 58, 55.244,
297.209

■ 88, 3.536, 291.983

■ 51, 69.475,
299.046

■ 95, 8.124, 111.096

■ 99, 14.511,
109.081

■ 44, 83.941,
301.038

■ 38, 97.976,
303.033

■ 33, 110.215,
304.768

■ 30,118.692,
305.917

■ 28,122.099,
306.375

Harmonies

Complementary

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



73, 28.316, 294.185



89, 26.826, 109.603

Rectangle

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



73, 28.316, 294.185



73, 28.316, 344.185



73, 28.316, 114.185



73, 28.316, 164.185

Sweetspot

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



73, 28.314, 294.184



94, 9.201, 292.368



86, 16.846, 201.404



50, 5.985, 292.428



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, 28.314, 294.184



77, 38.420, 294.886



75, 29.821, 311.278



43, 6.759, 292.610



21, 101.105, 306.408



2, 31.689, 296.765

Inverse Universe

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



77, 32.512, 326.764



83, 43.596, 327.055



87, 28.962, 129.186



44, 7.943, 325.992



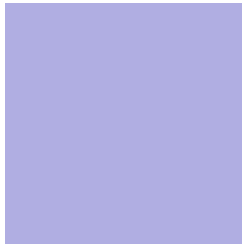
41, 84.898, 329.819



8, 35.014, 329.544

Previews

White Background



This preview shows how the CIELCh color 73, 28.316, 294.185 looks on a white background.

Color Contrast Check

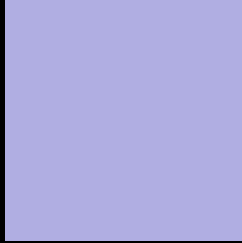
Large Text (above 18pt) WCAG AA × Fail

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, 28.316, 294.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

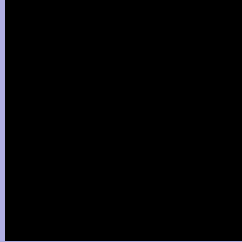
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 28.316, 294.185

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.316, 294.185.



This preview shows how white text looks on a background with the CIELCh color 73, 28.316, 294.185.

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, 28.316, 294.185

Protanopia

73, 27.828, 285.442

Deuteranopia

73, 27.170, 289.971



Tritanopia
73, 8.321, 265.590

Trichromacy



Original Color
73, 28.316, 294.185

Protanomaly
73, 27.735, 288.745

Deuteranomaly
73, 27.727, 292.116

Tritanomaly
73, 15.307, 283.834

Monochromacy



Original Color
73, 28.316, 294.185

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 9.770, 291.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.316, 294.185 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(176, 174, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 226)  
}
```

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(176, 174, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.316, 294.185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

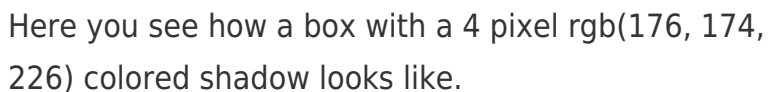
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 174, 226) }
```

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

```
.border{ border-color:rgb(176, 174, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 174, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 174, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 174, 226); box-shadow:4px 4px 4px 4px rgb(176, 174, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.316, 294.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 226) }
```

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

```
.background{ background-color: rgb(176,  
174, 226) }
```

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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