

Converting Colors

CIELCh(73, 26.700, 301.786)

Have a look what the booklet for
CIELCh(73, 26.700, 301.786)
contains.

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Color

CIELCh(73, 27.120, 302.026)

Conversions

Conversions Part 1

Format	Color
Hex	B9ACDD
RGB	185, 172, 221
RGB Percent	73%, 67%, 87%
CMY	0.2736, 0.3246, 0.1324
CMYK	0.16, 0.22, 0.00, 0.13
HSL	256°, 42%, 77%
HSV	256°, 22%, 87%
XYZ	47.9387, 45.1644, 74.7597
YIQ	181.4730, -7.9810, 17.9950

Conversions

Conversions Part 2

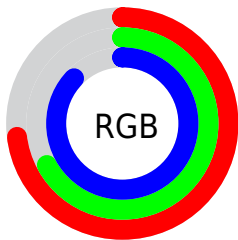
Format	Color
RYB	185, 172, 221
Decimal	12168413
CIELab	73.00, 14.38, -22.99
CIElCh	73, 27.120, 302.026
Yxy	45.1644, 0.2856, 0.2691
Android (android.graphics.Color)	4290358493 (0xFFB9ACDD)
YUV	181.4730, 19.4868, 3.0932
Hunter-Lab	67.2044, 9.7209, -18.9123

Details

The CIELCh color $73, 27.120, 302.026$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $86, 25.924, 119.134$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.349, 309.559$, and $53, 27.036, 301.546$ is the 20% darker color. If you saturate the color by 10%, you get $66, 40.071, 302.874$, and if you desaturate by 10%, it is $80, 14.609, 301.274$.

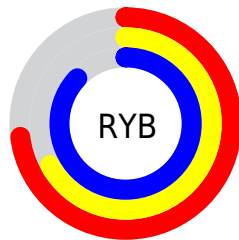
Distribution



Red (73%)

Green (67%)

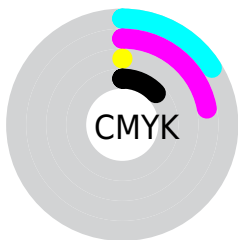
Blue (87%)



Red (73%)

Yellow (67%)

Blue (87%)

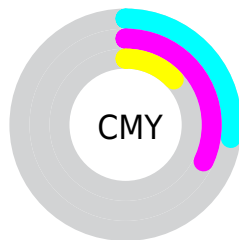


Cyan (16%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (27%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 27.120, 302.026 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, 27.120, 302.026 by changing the saturation by 10% instead.


 73, 27.120,
302.026


 73, 27.120,
302.026


 100, 27.120,
302.026


 63, 27.120,
302.026


 93, 27.120,
302.026

 53, 27.120,
302.026

 43, 27.120,
302.026

 33, 27.120,
302.026

 23, 27.120,
302.026

 13, 27.120,
302.026

 3, 27.120, 302.026

0, 27.120, 302.026

73, 27.120,
302.026

73, 27.120,
302.026

66, 40.071,
302.874

80, 14.609,
301.274

59, 53.422,
303.817

87, 2.549, 300.606

53, 67.040,
304.832

94, 9.077, 120.056

99, 17.186,
114.696

46, 80.628,
305.870

99, 17.078,
108.886

41, 93.596,
306.833

36, 104.935,
307.565

■ 32, 113.276,
307.868

■ 30, 117.466,
307.808

Harmonies

Complementary

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



73, 27.120, 302.026



86, 25.924, 119.134

Rectangle

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



73, 27.120, 302.026



73, 27.120, 352.026



73, 27.120, 122.026



73, 27.120, 172.026

Sweetspot

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



73, 27.118, 302.025



95, 9.359, 300.926



82, 13.805, 226.883



50, 6.087, 300.967



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, 27.118, 302.025



79, 37.430, 302.443



75, 29.536, 318.248



42, 6.743, 301.085



22, 97.753, 307.943



2, 30.079, 301.442

Inverse Universe

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



76, 26.294, 334.420



83, 35.977, 334.794



85, 29.141, 136.236



43, 6.647, 333.512



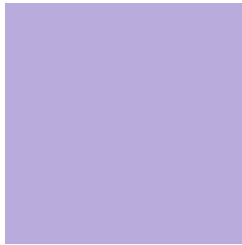
39, 70.791, 342.320



6, 28.688, 339.340

Previews

White Background



This preview shows how the CIELCh color 73, 27.120, 302.026 looks on a white background.

Color Contrast Check

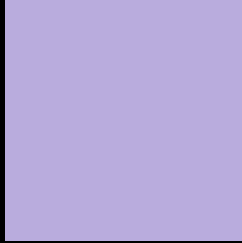
Large Text (above 18pt) WCAG AA × Fail

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, 27.120, 302.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

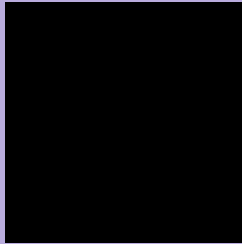
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.120, 302.026

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.120, 302.026.



This preview shows how white text looks on a background with the CIELCh color 73, 27.120, 302.026.

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, 27.120, 302.026

Protanopia

73, 26.161, 286.176

Deuteranopia

73, 25.030, 293.314



Tritanopia
73, 7.654, 296.346

Trichromacy



Original Color
73, 27.120, 302.026

Protanomaly
73, 26.644, 291.987

Deuteranomaly
73, 25.666, 296.350

Tritanomaly
73, 14.871, 299.779

Monochromacy



Original Color
73, 27.120, 302.026

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 9.967, 301.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.120, 302.026 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(185, 172, 221)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 221)  
}
```

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(185, 172, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.120, 302.026 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(185, 172, 221) }
```

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

```
.border{ border-color:rgb(185, 172, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 221);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.120, 302.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 221) }
```

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

```
.background{ background-color: rgb(185,  
172, 221) }
```

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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