

Converting Colors

CIELCh(73, 42.266, 300.057)

Have a look what the booklet for
CIELCh(73, 42.266, 300.057)
contains.

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Color

CIELCh(73, 42.224, 300.043)

Conversions

Conversions Part 1

Format	Color
Hex	B7A9F6
RGB	183, 169, 246
RGB Percent	72%, 66%, 96%
CMY	0.2819, 0.3368, 0.0348
CMYK	0.26, 0.31, 0.00, 0.03
HSL	251°, 81%, 81%
HSV	251°, 31%, 97%
XYZ	50.4222, 45.1644, 93.3528
YIQ	181.9640, -16.3730, 26.9150

Conversions

Conversions Part 2

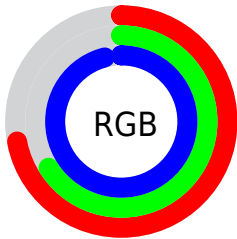
Format	Color
RYB	183, 169, 246
Decimal	12036598
CIELab	73.00, 21.14, -36.55
CIELCh	73, 42.224, 300.043
Yxy	45.1644, 0.2669, 0.2390
Android (android.graphics.Color)	4290226678 (0xFFB7A9F6)
YUV	181.9640, 31.5697, 0.9086
Hunter-Lab	67.2044, 16.3172, -35.3158

Details

The CIELCh color **73, 42.224, 300.043** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 39.280, 115.063**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.077, 310.170**, and **53, 41.931, 299.830** is the 20% darker color. If you saturate the color by 10%, you get **65, 56.785, 301.194**, and if you desaturate by 10%, it is **81, 28.171, 299.027**.

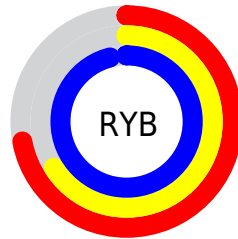
Distribution



Red (72%)

Green (66%)

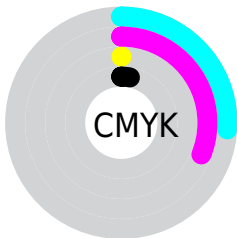
Blue (96%)



Red (72%)

Yellow (66%)

Blue (96%)

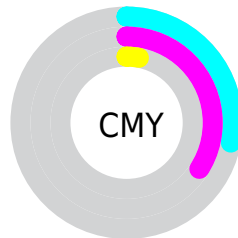


Cyan (26%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (28%)


Magenta (34%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.224, 300.043 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, 42.224, 300.043 by changing the saturation by 10% instead.


 73, 42.224,
300.043


 73, 42.224,
300.043


 100, 42.224,
300.043


 63, 42.224,
300.043


 93, 42.224,
300.043

 53, 42.224,
300.043

 43, 42.224,
300.043

 33, 42.224,
300.043

 23, 42.224,
300.043

 13, 42.224,
300.043

 3, 42.224, 300.043

■ 0, 42.224, 300.043

■ 73, 42.224,
300.043

■ 73, 42.224,
300.043

■ 65, 56.785,
301.194

■ 81, 28.171,
299.027

■ 58, 71.755,
302.467

■ 88, 14.651,
298.144

■ 51, 86.855,
303.814

■ 96, 1.649, 297.379

■ 44, 101.459,
305.129

■ 100, 4.487,
109.826

■ 39, 114.394,
306.229

■ 34, 123.950,
306.873

■ 32,128.804,
307.004

Harmonies

Complementary

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



73, 42.224, 300.043



94, 39.280, 115.063

Rectangle

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



73, 42.224, 300.043



73, 42.224, 350.043



73, 42.224, 120.043



73, 42.224, 170.043

Sweetspot

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



73, 42.222, 300.043



93, 11.971, 297.961



89, 21.296, 216.611



48, 8.341, 298.078



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, 42.222, 300.043



70, 53.465, 300.809



76, 44.918, 316.025



47, 7.320, 297.998



23, 104.276, 307.108



3, 40.451, 303.837

Inverse Universe

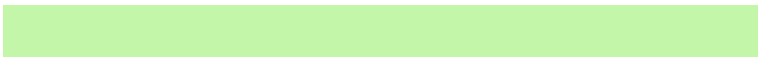
The Inverse Universe completely reimagines the original color for something new.



78, 42.863, 331.894



77, 53.306, 332.353



92, 43.726, 133.185



48, 7.722, 330.460



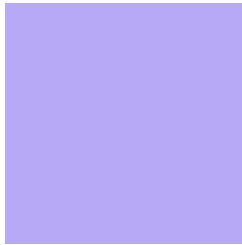
42, 79.183, 337.076



10, 35.855, 335.700

Previews

White Background



This preview shows how the CIELCh color 73, 42.224, 300.043 looks on a white background.

Color Contrast Check

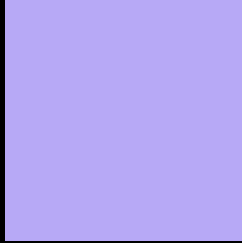
Large Text (above 18pt) WCAG AA × Fail

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, 42.224, 300.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

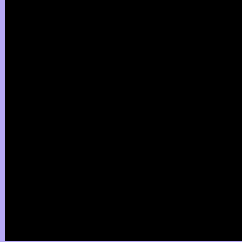
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.224, 300.043

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.224, 300.043.



This preview shows how white text looks on a background with the CIELCh color 73, 42.224, 300.043.

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

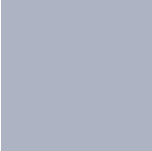
73, 42.224, 300.043

Protanopia

73, 40.923, 285.177

Deuteranopia

73, 37.116, 285.113



Tritanopia
73, 8.383, 276.151

Trichromacy



Original Color
73, 42.224, 300.043

Protanomaly
73, 41.275, 290.633

Deuteranomaly
73, 38.570, 291.016

Tritanomaly
73, 20.706, 294.044

Monochromacy



Original Color
73, 42.224, 300.043

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.344, 298.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.224, 300.043 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(183, 169, 246)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 246)  
}
```

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(183, 169, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.224, 300.043 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(183, 169, 246) }
```

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

```
.border{ border-color:rgb(183, 169, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 246);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.224, 300.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 246) }
```

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

```
.background{ background-color: rgb(183,  
169, 246) }
```

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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