

Converting Colors

CIELCh(73, 49.227, 307.754)

Have a look what the booklet for
CIELCh(73, 49.227, 307.754)
contains.

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Color

CIELCh(73, 49.325, 307.854)

Conversions

Conversions Part 1

Format	Color
Hex	C7A3FB
RGB	199, 163, 251
RGB Percent	78%, 64%, 98%
CMY	0.2206, 0.3617, 0.0167
CMYK	0.21, 0.35, 0.00, 0.02
HSL	265°, 91%, 81%
HSV	265°, 35%, 98%
XYZ	53.9114, 45.1644, 96.9272
YIQ	183.7960, -6.7920, 35.0000

Conversions

Conversions Part 2

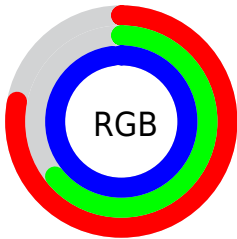
Format	Color
RYB	199, 163, 251
Decimal	13083643
CIELab	73.00, 30.27, -38.95
CIElCh	73, 49.325, 307.854
Yxy	45.1644, 0.2751, 0.2304
Android (android.graphics.Color)	4291273723 (0xFFC7A3FB)
YUV	183.7960, 33.1316, 13.3339
Hunter-Lab	67.2044, 25.5848, -38.4693

Details

The CIELCh color `73, 49.325, 307.854` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `94, 46.395, 124.051`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 23.170, 325.231`, and `53, 49.198, 307.970` is the 20% darker color. If you saturate the color by 10%, you get `66, 64.112, 308.533`, and if you desaturate by 10%, it is `80, 34.771, 307.207`.

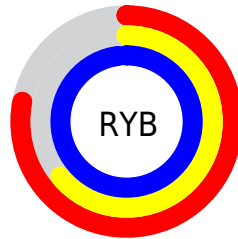
Distribution



Red (78%)

Green (64%)

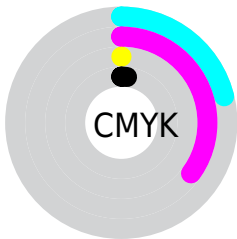
Blue (98%)



Red (78%)

Yellow (64%)

Blue (98%)

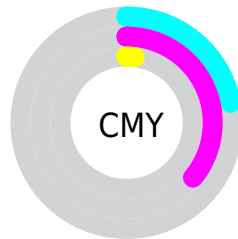


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (22%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 49.325, 307.854 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, 49.325, 307.854 by changing the saturation by 10% instead.


 73, 49.325,
307.854


 73, 49.325,
307.854


 100, 49.325,
307.854


 63, 49.325,
307.854


 93, 49.325,
307.854

 53, 49.325,
307.854

 43, 49.325,
307.854

 33, 49.325,
307.854

 23, 49.325,
307.854

 13, 49.325,
307.854

 3, 49.325, 307.854

■ 0, 49.325, 307.854

■ 73, 49.325,
307.854

■ 73, 49.325,
307.854

■ 66, 64.112,
308.533

■ 80, 34.771,
307.207

■ 59, 78.872,
309.209

■ 88, 20.589,
306.610

■ 53, 93.122,
309.819

■ 95, 6.837, 306.064

■ 47, 106.071,
310.263

■ 100, 2.149,
109.981

■ 42, 116.607,
310.404

■ 39, 123.581,
310.100

■ 37,125.875,
309.828

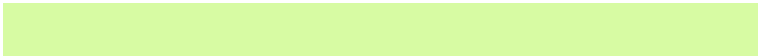
Harmonies

Complementary

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



73, 49.325, 307.854



94, 46.395, 124.051

Rectangle

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



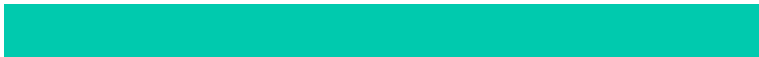
73, 49.325, 307.854



73, 49.325, 357.854



73, 49.325, 127.854



73, 49.325, 177.854

Sweetspot

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



73, 49.323, 307.854



92, 15.120, 306.383



84, 24.228, 249.090



48, 10.181, 306.457



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, 49.323, 307.854



69, 60.355, 308.324



77, 53.759, 323.406



48, 7.668, 306.300



27, 101.454, 310.014



5, 43.106, 310.111

Inverse Universe

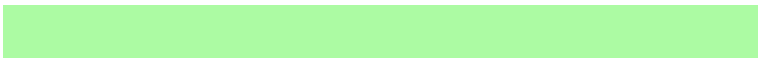
The Inverse Universe completely reimagines the original color for something new.



77, 41.807, 342.089



74, 50.487, 342.836



92, 53.418, 139.492



49, 6.682, 339.749



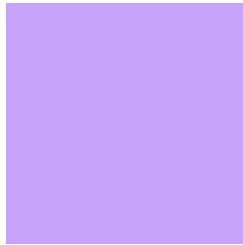
41, 69.400, 353.732



10, 32.186, 349.383

Previews

White Background



This preview shows how the CIELCh color 73, 49.325, 307.854 looks on a white background.

Color Contrast Check

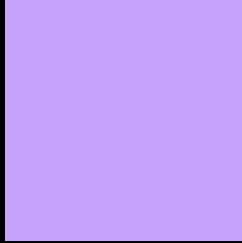
Large Text (above 18pt) WCAG AA × Fail

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, 49.325, 307.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

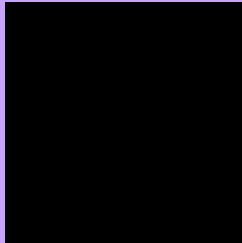
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 49.325, 307.854

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.325, 307.854.



This preview shows how white text looks on a background with the CIELCh color 73, 49.325, 307.854.

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, 49.325, 307.854

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 38.774, 284.825



Tritanopia
73, 9.038, 322.853

Trichromacy



Original Color
73, 49.325, 307.854

Protanomaly
73, 44.007, 293.462

Deuteranomaly
73, 41.860, 294.062

Tritanomaly
73, 23.081, 310.794

Monochromacy



Original Color
73, 49.325, 307.854

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 18.036, 306.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.325, 307.854 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(199, 163, 251)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 251)  
}
```

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(199, 163, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.325, 307.854 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(199, 163, 251) }
```

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

```
.border{ border-color:rgb(199, 163, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 251);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.325, 307.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 163, 251) }
```

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

```
.background{ background-color: rgb(199,  
163, 251) }
```

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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