

Converting Colors

CIELCh(73, 49.612, 305.392)

Have a look what the booklet for
CIELCh(73, 49.612, 305.392)
contains.

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Color

CIELCh(73, 49.453, 305.511)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2A4FD |
| RGB | 194, 164, 253 |
| RGB Percent | 76%, 64%, 99% |
| CMY | 0.2388, 0.3565, 0.0075 |
| CMYK | 0.23, 0.35, 0.00, 0.01 |
| HSL | 260°, 96%, 82% |
| HSV | 260°, 35%, 99% |
| XYZ | 53.3106, 45.1644, 98.9192 |
| YIQ | 183.1160, -10.6890, 34.0390 |

Conversions

Conversions Part 2

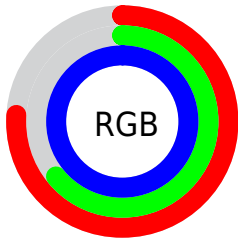
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 164, 253 |
| Decimal | 12756221 |
| CIELab | 73.00, 28.73, -40.25 |
| CIELCh | 73, 49.453, 305.511 |
| Yxy | 45.1644, 0.2701, 0.2288 |
| Android (android.graphics.Color) | 4290946301 (0xFFC2A4FD) |
| YUV | 183.1160, 34.4528, 9.5453 |
| Hunter-Lab | 67.2044, 23.9891, -40.2267 |

Details

The CIELCh color $73, 49.453, 305.511$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 46.137, 121.239$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 21.985, 322.874$, and $53, 49.418, 305.591$ is the 20% darker color. If you saturate the color by 10%, you get $66, 64.407, 306.326$, and if you desaturate by 10%, it is $80, 34.825, 304.755$.

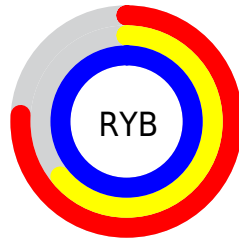
Distribution



Red (76%)

Green (64%)

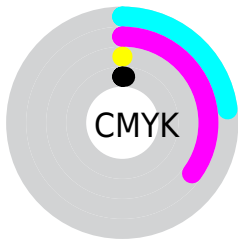
Blue (99%)



Red (76%)

Yellow (64%)

Blue (99%)

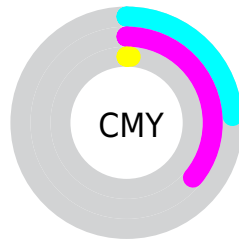


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (36%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 49.453, 305.511 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, 49.453, 305.511 by changing the saturation by 10% instead.


 73, 49.453,
305.511


 73, 49.453,
305.511


 100, 49.453,
305.511


 63, 49.453,
305.511


 93, 49.453,
305.511

 53, 49.453,
305.511

 43, 49.453,
305.511

 33, 49.453,
305.511

 23, 49.453,
305.511

 13, 49.453,
305.511

 3, 49.453, 305.511

■ 0, 49.453, 305.511

■ 73, 49.453,
305.511

■ 73, 49.453,
305.511

■ 66, 64.407,
306.326

■ 80, 34.825,
304.755

■ 59, 79.460,
307.166

■ 88, 20.633,
304.073

■ 52, 94.151,
307.967

■ 95, 6.913, 303.461

■ 46, 107.671,
308.621

■ 100, 0.952,
110.025

■ 41, 118.803,
308.970

■ 37, 126.199,
308.844

■ 36,128.575,
308.655

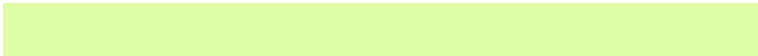
Harmonies

Complementary

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



73, 49.453, 305.511



95, 46.137, 121.239

Rectangle

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



73, 49.453, 305.511



73, 49.453, 355.511



73, 49.453, 125.511



73, 49.453, 175.511

Sweetspot

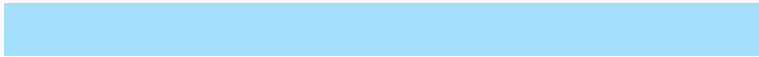
The Sweet Spot groups the original color and five complimentary colors.



73, 49.451, 305.511



92, 14.950, 303.810



86, 23.605, 240.041



48, 10.068, 303.894



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, 49.451, 305.511



68, 60.012, 306.064



77, 53.483, 321.397



49, 7.708, 303.719



26, 103.935, 308.818



5, 44.817, 308.599

Inverse Universe

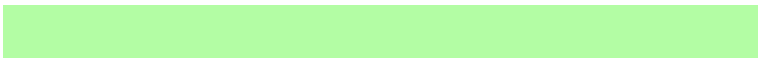
The Inverse Universe completely reimagines the original color for something new.



78, 44.244, 338.582



75, 52.847, 339.221



93, 52.826, 137.773



50, 7.148, 336.471



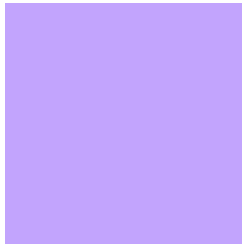
42, 72.660, 347.775



11, 34.264, 344.686

Previews

White Background



This preview shows how the CIELCh color 73, 49.453, 305.511 looks on a white background.

Color Contrast Check

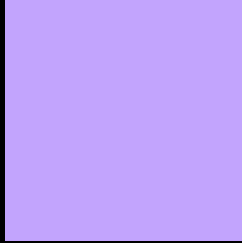
Large Text (above 18pt) WCAG AA × Fail

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, 49.453, 305.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

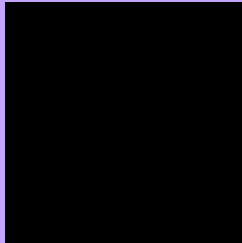
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 49.453, 305.511

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.453, 305.511.



This preview shows how white text looks on a background with the CIELCh color 73, 49.453, 305.511.

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, 7.949, 306.873

Trichromacy



Original Color
73, 49.453, 305.511

Protanomaly
73, 44.545, 293.137

Deuteranomaly
73, 42.935, 292.948

Tritanomaly
73, 23.537, 305.057

Monochromacy



Original Color
73, 49.453, 305.511

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 17.867, 304.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.453, 305.511 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(194, 164, 253)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 253)  
}
```

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(194, 164, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.453, 305.511 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(194, 164, 253) }
```

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

```
.border{ border-color:rgb(194, 164, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 253);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.453, 305.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 253) }
```

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

```
.background{ background-color: rgb(194,  
164, 253) }
```

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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