

Converting Colors

CIELCh(73, 48.771, 305.506)

Have a look what the booklet for
CIELCh(73, 48.771, 305.506)
contains.

CIELCh(73, 48.932, 305.615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 48.932, 305.615)

Conversions

Conversions Part 1

Format	Color
Hex	C2A4FC
RGB	194, 164, 252
RGB Percent	76%, 64%, 99%
CMY	0.2384, 0.3560, 0.0109
CMYK	0.23, 0.35, 0.00, 0.01
HSL	260°, 94%, 82%
HSV	260°, 35%, 99%
XYZ	53.2213, 45.1644, 98.1921
YIQ	183.0020, -10.3680, 33.7280

Conversions

Conversions Part 2

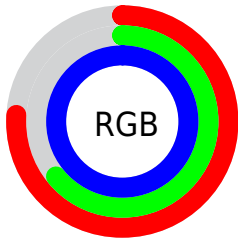
Format	Color
RYB	194, 164, 252
Decimal	12756220
CIELab	73.00, 28.49, -39.78
CIELCh	73, 48.932, 305.615
Yxy	45.1644, 0.2707, 0.2298
Android (android.graphics.Color)	4290946300 (0xFFC2A4FC)
YUV	183.0020, 34.0160, 9.6452
Hunter-Lab	67.2044, 23.7519, -39.5852

Details

The CIELCh color $73, 48.932, 305.615$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 45.698, 121.408$, 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 $53, 48.868, 305.686$ is the 20% darker color. If you saturate the color by 10%, you get $66, 63.835, 306.420$, and if you desaturate by 10%, it is $80, 34.354, 304.868$.

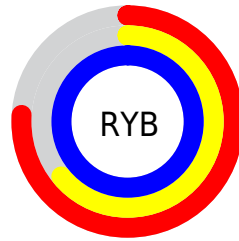
Distribution



Red (76%)

Green (64%)

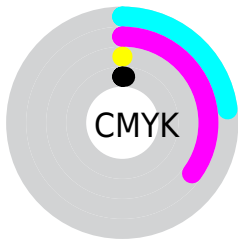
Blue (99%)



Red (76%)

Yellow (64%)

Blue (99%)

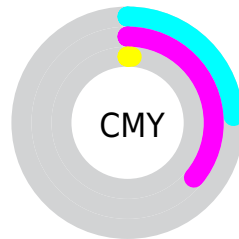


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (36%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 48.932, 305.615 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, 48.932, 305.615 by changing the saturation by 10% instead.


 73, 48.932,
305.615


 73, 48.932,
305.615


 100, 48.932,
305.615


 63, 48.932,
305.615


 93, 48.932,
305.615

 53, 48.932,
305.615

 43, 48.932,
305.615

 33, 48.932,
305.615

 23, 48.932,
305.615

 13, 48.932,
305.615

 3, 48.932, 305.615

■ 0, 48.932, 305.615

■ 73, 48.932,
305.615

■ 73, 48.932,
305.615

■ 66, 63.835,
306.420

■ 80, 34.354,
304.868

■ 59, 78.838,
307.251

■ 88, 20.210,
304.192

■ 52, 93.489,
308.043

■ 95, 6.534, 303.586

■ 46, 106.994,
308.690

■ 100, 1.397,
110.018

■ 41, 118.154,
309.038

■ 37, 125.630,
308.916

■ 36,128.143,
308.713

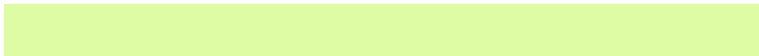
Harmonies

Complementary

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



73, 48.932, 305.615



95, 45.698, 121.408

Rectangle

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



73, 48.932, 305.615



73, 48.932, 355.615



73, 48.932, 125.615



73, 48.932, 175.615

Sweetspot

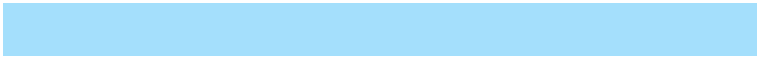
The Sweet Spot groups the original color and five complimentary colors.



73, 48.930, 305.615



92, 13.576, 303.888



86, 23.376, 239.992



48, 9.284, 303.974



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, 48.930, 305.615



68, 60.028, 306.185



77, 52.927, 321.385



48, 7.585, 303.857



26, 102.816, 308.884



4, 42.944, 308.283

Inverse Universe

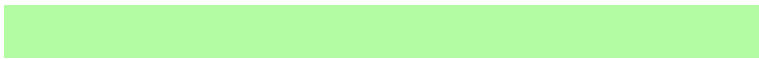
The Inverse Universe completely reimagines the original color for something new.



78, 43.676, 338.736



75, 52.715, 339.405



93, 52.280, 137.793



49, 7.012, 336.637



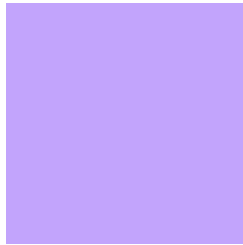
42, 71.791, 348.055



10, 33.337, 344.770

Previews

White Background



This preview shows how the CIELCh color 73, 48.932, 305.615 looks on a white background.

Color Contrast Check

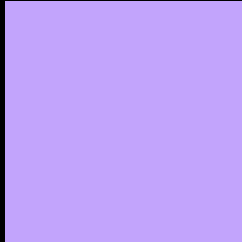
Large Text (above 18pt) WCAG AA × Fail

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, 48.932, 305.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

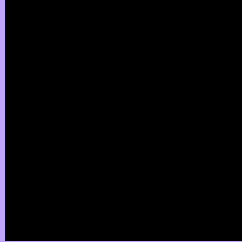
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 48.932, 305.615

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.932, 305.615.



This preview shows how white text looks on a background with the CIELCh color 73, 48.932, 305.615.

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, 48.932, 305.615

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 39.867, 284.799



Tritanopia
73, 7.949, 306.873

Trichromacy



Original Color
73, 48.932, 305.615

Protanomaly
73, 44.545, 293.137

Deuteranomaly
73, 42.933, 293.348

Tritanomaly
73, 23.010, 305.337

Monochromacy



Original Color
73, 48.932, 305.615

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, 48.932, 305.615 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.932, 305.615 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, 252) }
```

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

```
.border{ border-color:rgb(194, 164, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 252);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.932, 305.615 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, 252) }
```

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

```
.background{ background-color: rgb(194,  
164, 252) }
```

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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