

Converting Colors

CIELCh(73, 46.566, 297.184)

Have a look what the booklet for
CIELCh(73, 46.566, 297.184)
contains.

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Color

CIELCh(73, 46.302, 297.065)

Conversions

Conversions Part 1

Format	Color
Hex	B1AAFF
RGB	177, 170, 255
RGB Percent	69%, 67%, 100%
CMY	0.3070, 0.3344, 0.0011
CMYK	0.31, 0.33, 0.00, 0.00
HSL	245°, 99%, 83%
HSV	245°, 33%, 100%
XYZ	50.3953, 45.1644, 100.4229
YIQ	181.7830, -23.1130, 27.9190

Conversions

Conversions Part 2

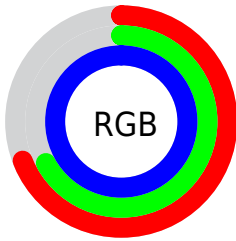
Format	Color
RYB	177, 170, 255
Decimal	11643647
CIELab	73.00, 21.07, -41.23
CIElCh	73, 46.302, 297.065
Yxy	45.1644, 0.2571, 0.2305
Android (android.graphics.Color)	4289833727 (0xFFB1AAFF)
YUV	181.7830, 36.0960, -4.1947
Hunter-Lab	67.2044, 16.2458, -41.5533

Details

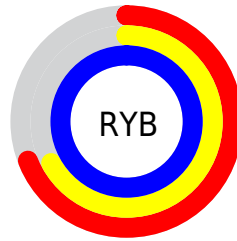
The CIELCh color $73, 46.302, 297.065$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $98, 42.628, 110.581$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.930, 302.516$, and $53, 46.305, 297.050$ is the 20% darker color. If you saturate the color by 10%, you get $65, 61.436, 298.558$, and if you desaturate by 10%, it is $81, 31.751, 295.767$.

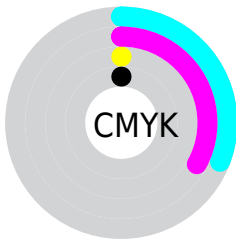
Distribution



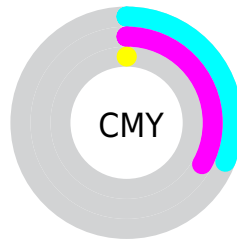
- Red (69%)
- Green (67%)
- Blue (100%)



- Red (69%)
- Yellow (67%)
- Blue (100%)



- Cyan (31%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 46.302, 297.065 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, 46.302, 297.065 by changing the saturation by 10% instead.


 73, 46.302,
297.065


 73, 46.302,
297.065


 100, 46.302,
297.065


 63, 46.302,
297.065


 93, 46.302,
297.065

 53, 46.302,
297.065

 43, 46.302,
297.065

 33, 46.302,
297.065

 23, 46.302,
297.065

 13, 46.302,
297.065

 3, 46.302, 297.065

■ 0, 46.302, 297.065

■ 73, 46.302,
297.065

■ 73, 46.302,
297.065

■ 65, 61.436,
298.558

■ 81, 31.751,
295.767

■ 57, 77.063,
300.234

■ 89, 17.792,
294.653

■ 50, 92.864,
302.029

■ 97, 4.395, 293.708

■ 43, 108.064,
303.796

100, 0.136,
109.600

■ 38, 121.148,
305.286

■ 34, 130.026,
306.196

■ 33,133.284,
306.478

Harmonies

Complementary

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



73, 46.302, 297.065



98, 42.628, 110.581

Rectangle

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



73, 46.302, 297.065



73, 46.302, 347.065



73, 46.302, 117.065



73, 46.302, 167.065

Sweetspot

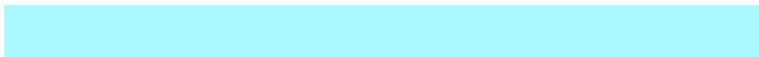
The Sweet Spot groups the original color and five complimentary colors.



73, 46.301, 297.065



92, 13.241, 294.317



93, 25.010, 204.652



48, 9.058, 294.455



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, 46.301, 297.065



68, 56.339, 298.035



77, 48.447, 312.902



49, 7.521, 294.269



23, 107.349, 306.534



4, 44.321, 303.384

Inverse Universe

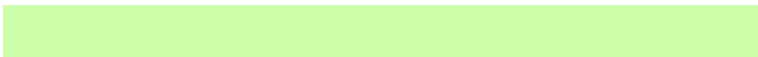
The Inverse Universe completely reimagines the original color for something new.



80, 50.240, 328.672



77, 59.897, 329.053



95, 46.546, 129.814



50, 8.562, 327.265



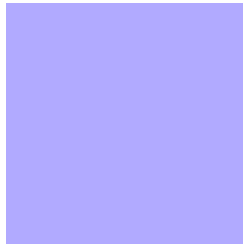
45, 87.252, 331.812



12, 40.454, 331.347

Previews

White Background



This preview shows how the CIELCh color 73, 46.302, 297.065 looks on a white background.

Color Contrast Check

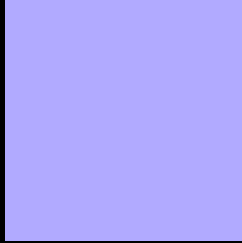
Large Text (above 18pt) WCAG AA × Fail

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, 46.302, 297.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

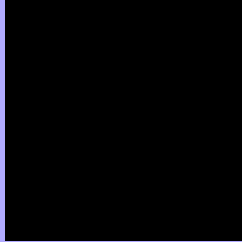
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 46.302, 297.065

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.302, 297.065.



This preview shows how white text looks on a background with the CIELCh color 73, 46.302, 297.065.

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, 46.302, 297.065

Protanopia

73, 43.111, 285.552

Deuteranopia

73, 41.597, 283.833



Tritanopia
73, 9.777, 255.821

Trichromacy



Original Color
73, 46.302, 297.065

Protanomaly
73, 44.010, 289.601

Deuteranomaly
73, 43.494, 289.107

Tritanomaly
73, 21.838, 285.200

Monochromacy



Original Color
73, 46.302, 297.065

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 16.314, 294.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.302, 297.065 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(177, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 170, 255)  
}
```

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(177, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 170, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.302, 297.065 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(177, 170, 255) }
```

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

```
.border{ border-color:rgb(177, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 170,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.302, 297.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 170, 255) }
```

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

```
.background{ background-color: rgb(177,  
170, 255) }
```

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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