

Converting Colors

CIELCh(73, 47.581, 303.327)

Have a look what the booklet for
CIELCh(73, 47.581, 303.327)
contains.

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Color

CIELCh(73, 47.462, 303.146)

Conversions

Conversions Part 1

Format	Color
Hex	BDA6FC
RGB	189, 166, 252
RGB Percent	74%, 65%, 99%
CMY	0.2585, 0.3487, 0.0114
CMYK	0.25, 0.34, 0.00, 0.01
HSL	256°, 94%, 82%
HSV	256°, 34%, 99%
XYZ	52.2418, 45.1644, 98.1308
YIQ	182.6810, -13.8980, 31.6220

Conversions

Conversions Part 2

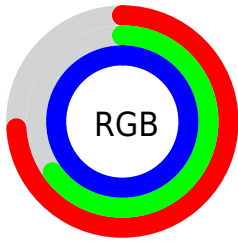
Format	Color
RYB	189, 166, 252
Decimal	12429052
CIELab	73.00, 25.95, -39.74
CIElCh	73, 47.462, 303.146
Yxy	45.1644, 0.2672, 0.2310
Android (android.graphics.Color)	4290619132 (0xFFBDA6FC)
YUV	182.6810, 34.1743, 5.5418
Hunter-Lab	67.2044, 21.1503, -39.5312

Details

The CIELCh color **73, 47.462, 303.146** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 44.095, 118.470**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.736, 317.402**, and **53, 47.394, 303.153** is the 20% darker color. If you saturate the color by 10%, you get **65, 62.386, 304.110**, and if you desaturate by 10%, it is **81, 32.956, 302.273**.

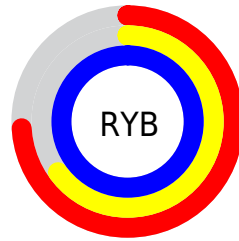
Distribution



Red (74%)

Green (65%)

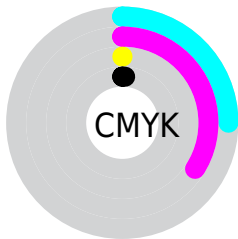
Blue (99%)



Red (74%)

Yellow (65%)

Blue (99%)

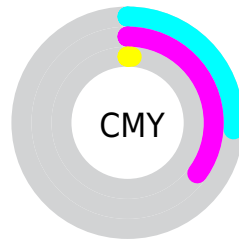


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (26%)


Magenta (35%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 47.462, 303.146 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, 47.462, 303.146 by changing the saturation by 10% instead.


 73, 47.462,
303.146


 73, 47.462,
303.146


 100, 47.462,
303.146


 63, 47.462,
303.146


 93, 47.462,
303.146

 53, 47.462,
303.146

 43, 47.462,
303.146

 33, 47.462,
303.146

 23, 47.462,
303.146

 13, 47.462,
303.146

 3, 47.462, 303.146

■ 0, 47.462, 303.146

■ 73, 47.462,
303.146

■ 73, 47.462,
303.146

■ 65, 62.386,
304.110

■ 81, 32.956,
302.273

■ 58, 77.551,
305.137

■ 88, 18.942,
301.499

■ 51, 92.558,
306.168

■ 96, 5.430, 300.817

■ 45, 106.638,
307.089

■ 100, 1.466,
110.016

■ 40, 118.531,
307.728

■ 36, 126.683,
307.882

■ 34,129.701,
307.772

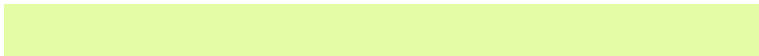
Harmonies

Complementary

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



73, 47.462, 303.146



96, 44.095, 118.470

Rectangle

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



73, 47.462, 303.146



73, 47.462, 353.146



73, 47.462, 123.146



73, 47.462, 173.146

Sweetspot

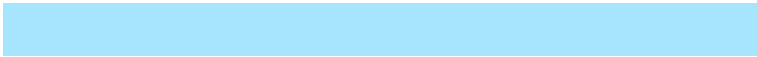
The Sweet Spot groups the original color and five complimentary colors.



73, 47.460, 303.146



92, 13.443, 301.209



88, 22.664, 230.477



48, 9.195, 301.307



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, 47.460, 303.146



69, 58.239, 303.803



77, 50.999, 319.298



48, 7.511, 301.174



25, 104.124, 307.916



4, 42.745, 306.452

Inverse Universe

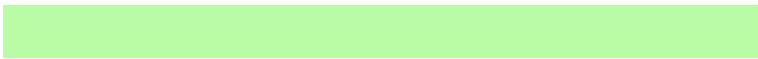
The Inverse Universe completely reimagines the original color for something new.



78, 44.868, 335.430



75, 54.088, 335.986



93, 50.059, 136.010



49, 7.389, 333.606



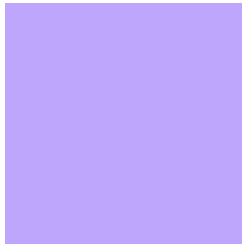
42, 75.184, 342.581



10, 34.827, 340.307

Previews

White Background



This preview shows how the CIELCh color 73, 47.462, 303.146 looks on a white background.

Color Contrast Check

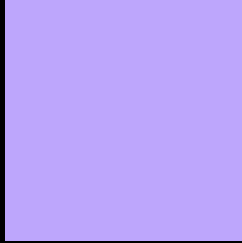
Large Text (above 18pt) WCAG AA × Fail

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, 47.462, 303.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

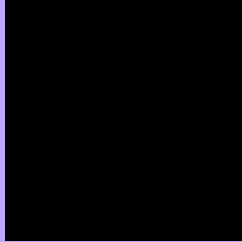
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 47.462, 303.146

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.462, 303.146.




This preview shows how white text looks on a background with the CIELCh color 73, 47.462, 303.146.

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, 7.609, 290.918

Trichromacy



Original Color
73, 47.462, 303.146

Protanomaly
73, 43.980, 291.897

Deuteranomaly
73, 42.371, 291.651

Tritanomaly
73, 21.995, 299.422

Monochromacy



Original Color
73, 47.462, 303.146

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 17.111, 301.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.462, 303.146 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(189, 166, 252)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 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(189, 166, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.462, 303.146 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(189, 166, 252) }
```

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

```
.border{ border-color:rgb(189, 166, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 252);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.462, 303.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 252) }
```

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

```
.background{ background-color: rgb(189,  
166, 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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