

Converting Colors

CIELCh(73, 47.940, 302.612)

Have a look what the booklet for
CIELCh(73, 47.940, 302.612)
contains.

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Color

CIELCh(73, 47.949, 302.695)

Conversions

Conversions Part 1

Format	Color
Hex	BCA6FD
RGB	188, 166, 253
RGB Percent	74%, 65%, 99%
CMY	0.2619, 0.3483, 0.0070
CMYK	0.26, 0.34, 0.00, 0.01
HSL	255°, 96%, 82%
HSV	255°, 34%, 99%
XYZ	52.2225, 45.1644, 99.0678
YIQ	182.4960, -14.8150, 31.7210

Conversions

Conversions Part 2

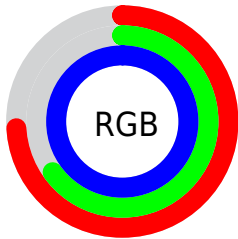
Format	Color
RYB	188, 166, 253
Decimal	12363517
CIELab	73.00, 25.90, -40.35
CIELCh	73, 47.949, 302.695
Yxy	45.1644, 0.2658, 0.2299
Android (android.graphics.Color)	4290553597 (0xFFBCA6FD)
YUV	182.4960, 34.7585, 4.8270
Hunter-Lab	67.2044, 21.0990, -40.3578

Details

The CIELCh color $73, 47.949, 302.695$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96, 44.463, 117.851$, 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 $53, 47.922, 302.716$ is the 20% darker color. If you saturate the color by 10%, you get $65, 62.946, 303.697$, and if you desaturate by 10%, it is $81, 33.384, 301.791$.

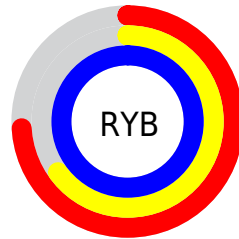
Distribution



Red (74%)

Green (65%)

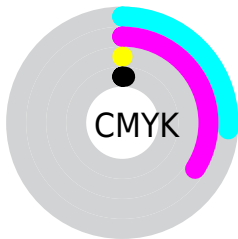
Blue (99%)



Red (74%)

Yellow (65%)

Blue (99%)

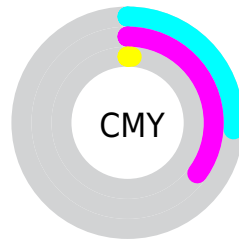


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (26%)


Magenta (35%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 47.949, 302.695 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, 47.949, 302.695 by changing the saturation by 10% instead.

 73, 47.949,
302.695


 73, 47.949,
302.695


 100, 47.949,
302.695


 63, 47.949,
302.695


 93, 47.949,
302.695

 53, 47.949,
302.695

 43, 47.949,
302.695

 33, 47.949,
302.695

 23, 47.949,
302.695

 13, 47.949,
302.695

 3, 47.949, 302.695

■ 0, 47.949, 302.695

■ 73, 47.949,
302.695

■ 73, 47.949,
302.695

■ 65, 62.946,
303.697

■ 81, 33.384,
301.791

■ 58, 78.200,
304.769

■ 88, 19.321,
300.991

■ 51, 93.308,
305.850

■ 96, 5.769, 300.289

■ 45, 107.485,
306.823

■ 100, 0.897,
110.025

■ 40, 119.431,
307.508

■ 36, 127.548,
307.697

■ 34, 130.426,
307.615

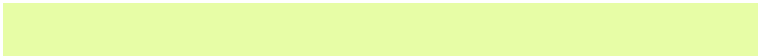
Harmonies

Complementary

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



73, 47.949, 302.695



96, 44.463, 117.851

Rectangle

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



73, 47.949, 302.695



73, 47.949, 352.695



73, 47.949, 122.695



73, 47.949, 172.695

Sweetspot

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



73, 47.947, 302.695



92, 13.421, 300.674



88, 22.924, 228.165



48, 9.180, 300.774



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, 47.947, 302.695



68, 58.192, 303.351



77, 51.379, 318.790



49, 7.623, 300.639



25, 105.417, 307.747



4, 44.664, 306.643

Inverse Universe

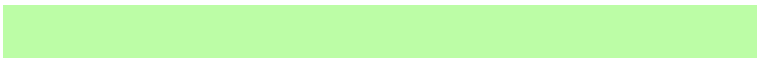
The Inverse Universe completely reimagines the original color for something new.



78, 45.801, 334.850



75, 54.619, 335.371



93, 50.339, 135.517



50, 7.591, 333.044



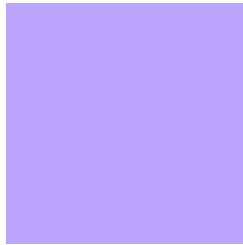
43, 76.692, 341.597



11, 36.055, 339.593

Previews

White Background



This preview shows how the CIELCh color 73, 47.949, 302.695 looks on a white background.

Color Contrast Check

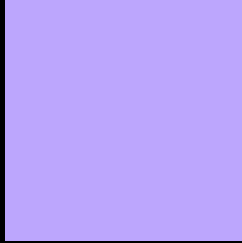
Large Text (above 18pt) WCAG AA × Fail

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, 47.949, 302.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

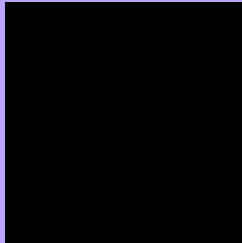
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 47.949, 302.695

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.949, 302.695.



This preview shows how white text looks on a background with the CIELCh color 73, 47.949, 302.695.

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, 8.154, 288.439

Trichromacy



Original Color
73, 47.949, 302.695

Protanomaly
73, 43.988, 291.514

Deuteranomaly
73, 42.916, 291.340

Tritanomaly
73, 22.491, 298.410

Monochromacy



Original Color
73, 47.949, 302.695

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 17.645, 300.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.949, 302.695 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(188, 166, 253)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 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(188, 166, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.949, 302.695 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(188, 166, 253) }
```

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

```
.border{ border-color:rgb(188, 166, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 166, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 253);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.949, 302.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 253) }
```

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

```
.background{ background-color: rgb(188,  
166, 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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