

Converting Colors

CIELCh(76, 79.430, 299.402)

Have a look what the booklet for
CIELCh(76, 79.430, 299.402)
contains.

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Color

CIELCh(73, 47.600, 299.687)

Conversions

Conversions Part 1

Format	Color
Hex	B6A8FF
RGB	182, 168, 255
RGB Percent	71%, 66%, 100%
CMY	0.2863, 0.3412, 0.0000
CMYK	0.29, 0.34, 0.00, 0.00
HSL	250°, 100%, 83%
HSV	250°, 34%, 100%
XYZ	51.3377, 45.1644, 100.6098
YIQ	182.1040, -19.5830, 30.0250

Conversions

Conversions Part 2

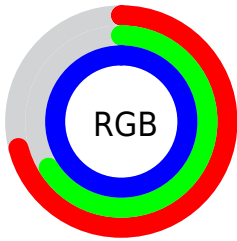
Format	Color
RYB	182, 168, 255
Decimal	11970815
CIELab	73.00, 23.57, -41.35
CIELCh	73, 47.600, 299.687
Yxy	45.1644, 0.2604, 0.2291
Android (android.graphics.Color)	4290160895 (0xFFB6A8FF)
YUV	182.1040, 35.9377, -0.0912
Hunter-Lab	67.2044, 18.7489, -41.7182

Details

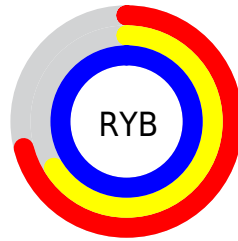
The CIELCh color $73, 47.600, 299.687$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 43.877, 113.960$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.581, 309.636$, and $53, 47.628, 299.702$ is the 20% darker color. If you saturate the color by 10%, you get $65, 62.737, 300.940$, and if you desaturate by 10%, it is $81, 32.986, 298.580$.

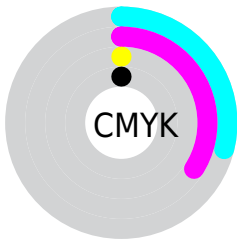
Distribution



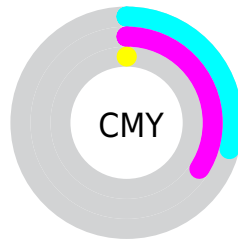
- Red (71%)
- Green (66%)
- Blue (100%)



- Red (71%)
- Yellow (66%)
- Blue (100%)



- Cyan (29%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.600, 299.687 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, 47.600, 299.687 by changing the saturation by 10% instead.

 73, 47.600,
299.687

 73, 47.600,
299.687


 100, 47.600,
299.687


 63, 47.600,
299.687


 93, 47.600,
299.687

 53, 47.600,
299.687

 43, 47.600,
299.687

 33, 47.600,
299.687

 23, 47.600,
299.687

 13, 47.600,
299.687

 3, 47.600, 299.687

■ 0, 47.600, 299.687

■ 73, 47.600,
299.687

■ 73, 47.600,
299.687

■ 65, 62.737,
300.940

■ 81, 32.986,
298.580

■ 58, 78.264,
302.319

■ 89, 18.930,
297.618

■ 50, 93.816,
303.761

■ 97, 5.422, 296.789

■ 44, 108.594,
305.132

100, 0.006,
302.462

■ 38, 121.163,
306.218

■ 35, 129.645,
306.763

■ 33,132.609,
306.852

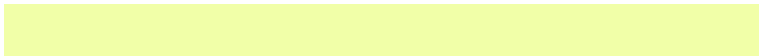
Harmonies

Complementary

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



73, 47.600, 299.687



97, 43.877, 113.960

Rectangle

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



73, 47.600, 299.687



73, 47.600, 349.687



73, 47.600, 119.687



73, 47.600, 169.687

Sweetspot

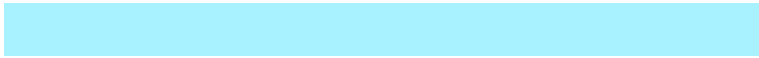
The Sweet Spot groups the original color and five complimentary colors.



73, 47.598, 299.687



92, 13.304, 297.261



91, 23.859, 214.623



48, 9.101, 297.381



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, 47.598, 299.687



68, 57.968, 300.534



77, 50.325, 315.621



49, 7.557, 297.220



24, 106.658, 306.946



4, 44.481, 304.817

Inverse Universe

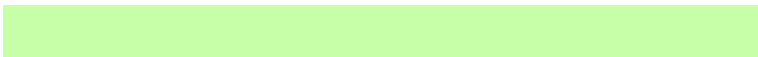
The Inverse Universe completely reimagines the original color for something new.



79, 48.712, 331.337



76, 58.131, 331.789



94, 48.775, 132.507



50, 8.104, 329.752



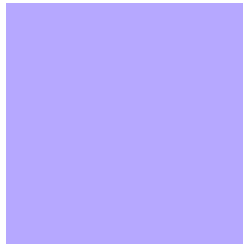
44, 82.068, 335.892



12, 38.322, 334.824

Previews

White Background



This preview shows how the CIELCh color 73, 47.600, 299.687 looks on a white background.

Color Contrast Check

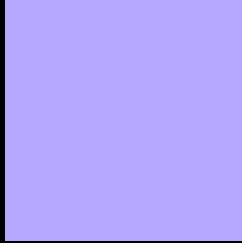
Large Text (above 18pt) WCAG AA × Fail

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, 47.600, 299.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

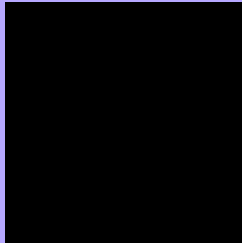
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 47.600, 299.687

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.600, 299.687.

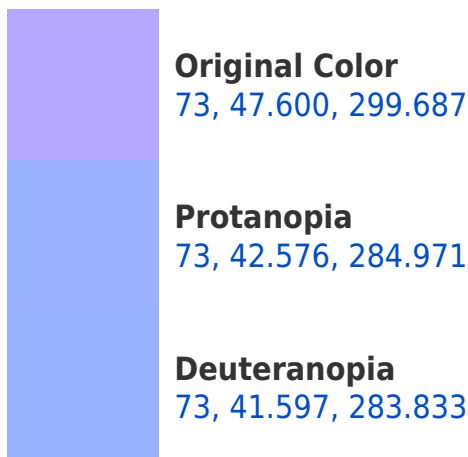


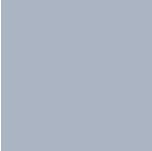
This preview shows how white text looks on a background with the CIELCh color 73, 47.600, 299.687.

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, 8.321, 265.590

Trichromacy



Original Color
73, 47.600, 299.687

Protanomaly
73, 43.979, 290.352

Deuteranomaly
73, 43.459, 289.866

Tritanomaly
73, 21.747, 290.466

Monochromacy



Original Color
73, 47.600, 299.687

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 17.500, 297.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.600, 299.687 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(182, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 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(182, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.600, 299.687 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(182, 168, 255) }
```

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

```
.border{ border-color:rgb(182, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.600, 299.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 255) }
```

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

```
.background{ background-color: rgb(182,  
168, 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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