

Converting Colors

CIELCh(74, 52.807, 299.905)

Have a look what the booklet for
CIELCh(74, 52.807, 299.905)
contains.

CIELCh(73, 47.075, 300.455)	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, 47.075, 300.455)

Conversions

Conversions Part 1

Format	Color
Hex	B8A8FE
RGB	184, 168, 254
RGB Percent	72%, 66%, 100%
CMY	0.2799, 0.3424, 0.0056
CMYK	0.28, 0.34, 0.00, 0.01
HSL	251°, 97%, 83%
HSV	251°, 34%, 99%
XYZ	51.4459, 45.1644, 99.4179
YIQ	182.5880, -18.0700, 30.1380

Conversions

Conversions Part 2

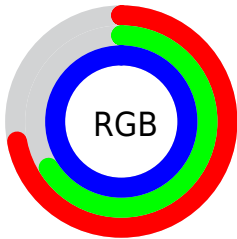
Format	Color
R_{YB}	184, 168, 254
Decimal	12101886
CIE _{Lab}	73.00, 23.86, -40.58
CIE _{LCh}	73, 47.075, 300.455
Yxy	45.1644, 0.2624, 0.2304
Android (android.graphics.Color)	4290291966 (0xFFB8A8FE)
YUV	182.5880, 35.2061, 1.2383
Hunter-Lab	67.2044, 19.0364, -40.6667

Details

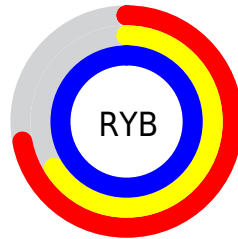
The CIELCh color `73, 47.075, 300.455` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 43.490, 115.039`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 17.809, 311.759`, and `53, 47.100, 300.457` is the 20% darker color. If you saturate the color by 10%, you get `65, 62.115, 301.632`, and if you desaturate by 10%, it is `81, 32.536, 299.411`.

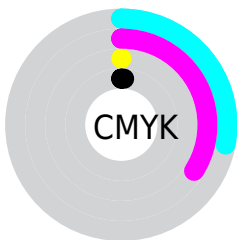
Distribution



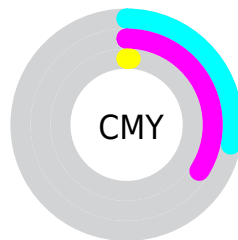
- Red (72%)
- Green (66%)
- Blue (100%)



- Red (72%)
- Yellow (66%)
- Blue (100%)



- Cyan (28%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)





- Cyan (28%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 47.075, 300.455 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, 47.075, 300.455 by changing the saturation by 10% instead.


 73, 47.075,
300.455


 73, 47.075,
300.455


 100, 47.075,
300.455


 63, 47.075,
300.455


 93, 47.075,
300.455

 53, 47.075,
300.455

 43, 47.075,
300.455

 33, 47.075,
300.455

 23, 47.075,
300.455

 13, 47.075,
300.455

 3, 47.075, 300.455

■ 0, 47.075, 300.455

■ 73, 47.075,
300.455

■ 73, 47.075,
300.455

■ 65, 62.115,
301.632

■ 81, 32.536,
299.411

■ 58, 77.519,
302.920

■ 89, 18.540,
298.499

■ 50, 92.921,
304.259

■ 96, 5.081, 297.711

■ 44, 107.549,
305.522

100, 0.709,
110.016

■ 39, 120.030,
306.509

■ 35, 128.568,
306.976

■ 33,131.711,
307.021

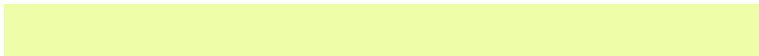
Harmonies

Complementary

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



73, 47.075, 300.455



97, 43.490, 115.039

Rectangle

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



73, 47.075, 300.455



73, 47.075, 350.455



73, 47.075, 120.455



73, 47.075, 170.455

Sweetspot

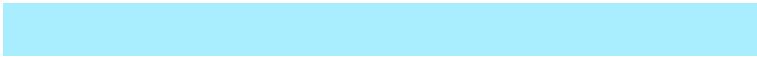
The Sweet Spot groups the original color and five complimentary colors.



73, 47.073, 300.455



92, 13.331, 298.181



90, 23.156, 218.962



48, 9.119, 298.294



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, 47.073, 300.455



68, 58.017, 301.283



77, 50.036, 316.671



49, 7.572, 298.141



24, 106.369, 307.126



4, 44.529, 305.270

Inverse Universe

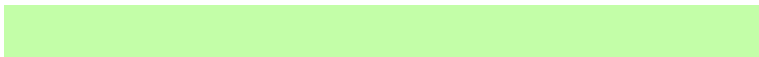
The Inverse Universe completely reimagines the original color for something new.



79, 47.342, 332.209



76, 57.165, 332.699



94, 48.687, 133.560



50, 7.964, 330.592



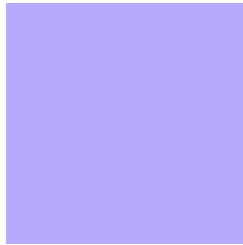
44, 80.544, 337.318



11, 37.687, 336.025

Previews

White Background



This preview shows how the CIELCh color 73, 47.075, 300.455 looks on a white background.

Color Contrast Check

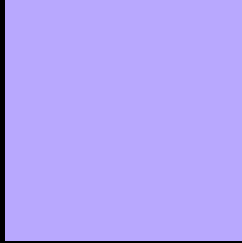
Large Text (above 18pt) WCAG AA × Fail

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, 47.075, 300.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

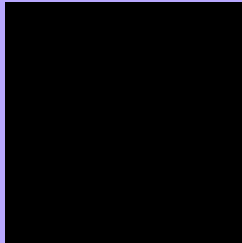
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 47.075, 300.455

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.075, 300.455.



This preview shows how white text looks on a background with the CIELCh color 73, 47.075, 300.455.

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, 47.122, 300.469

Protanopia

73, 42.576, 284.971

Deuteranopia

73, 40.995, 284.396



Tritanopia
73, 8.061, 270.169

Trichromacy



Original Color
73, 47.122, 300.469

Protanomaly
73, 43.431, 290.632

Deuteranomaly
73, 42.895, 290.532

Tritanomaly
73, 21.748, 292.244

Monochromacy



Original Color
73, 47.122, 300.469

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 17.004, 298.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.075, 300.455 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(184, 168, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 254)  
}
```

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(184, 168, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.075, 300.455 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(184, 168, 254) }
```

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

```
.border{ border-color:rgb(184, 168, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.075, 300.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 254) }
```

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

```
.background{ background-color: rgb(184,  
168, 254) }
```

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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