

Converting Colors

CIELCh(73, 54.468, 310.968)

Have a look what the booklet for
CIELCh(73, 54.468, 310.968)
contains.

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Color

CIELCh(73, 54.397, 310.966)

Conversions

Conversions Part 1

Format	Color
Hex	CF9FFF
RGB	207, 159, 255
RGB Percent	81%, 62%, 100%
CMY	0.1891, 0.3773, 0.0009
CMYK	0.19, 0.38, 0.00, 0.00
HSL	270°, 100%, 81%
HSV	270°, 38%, 100%
XYZ	56.0471, 45.1644, 100.1810
YIQ	184.2960, -2.2080, 40.0320

Conversions

Conversions Part 2

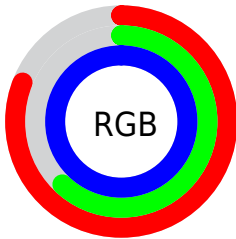
Format	Color
R_{YB}	207, 159, 255
Decimal	13606911
CIE _{Lab}	73.00, 35.66, -41.08
CIE _{LCh}	73, 54.397, 310.966
Yxy	45.1644, 0.2783, 0.2243
Android (android.graphics.Color)	4291796991 (0xFFCF9FFF)
YUV	184.2960, 34.8571, 19.9114
Hunter-Lab	67.2044, 31.2575, -41.3399

Details

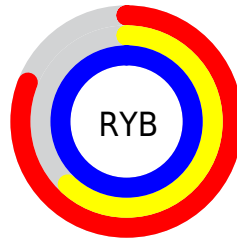
The CIELCh color $73, 54.397, 310.966$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 51.506, 127.283$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $53, 54.301, 310.868$ is the 20% darker color. If you saturate the color by 10%, you get $66, 69.303, 311.511$, and if you desaturate by 10%, it is $80, 39.530, 310.418$.

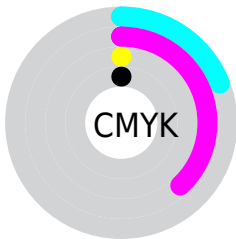
Distribution



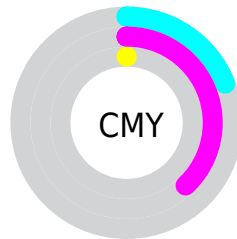
- Red (81%)
- Green (62%)
- Blue (100%)



- Red (81%)
- Yellow (62%)
- Blue (100%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 54.397, 310.966 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, 54.397, 310.966 by changing the saturation by 10% instead.

 73, 54.397,
310.966

 73, 54.397,
310.966

 100, 54.397,
310.966

 63, 54.397,
310.966

 93, 54.397,
310.966

 53, 54.397,
310.966

 43, 54.397,
310.966

 33, 54.397,
310.966

 23, 54.397,
310.966

 13, 54.397,
310.966

 3, 54.397, 310.966

0, 54.397, 310.966

73, 54.397,
310.966

73, 54.397,
310.966

66, 69.303,
311.511

80, 39.530,
310.418

60, 83.889,
312.010

87, 24.918,
309.892

54, 97.559,
312.394

94, 10.667,
309.398

48, 109.447,
312.568

100, 0.102,
109.416

44, 118.512,
312.412

41, 123.983,
311.833

■ 41,124.967,
311.674

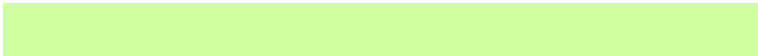
Harmonies

Complementary

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



73, 54.397, 310.966



95, 51.506, 127.283

Rectangle

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



73, 54.397, 310.966



73, 54.397, 0.966



73, 54.397, 130.966



73, 54.397, 180.966

Sweetspot

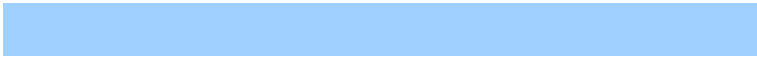
The Sweet Spot groups the original color and five complimentary colors.



73, 54.395, 310.966



92, 15.377, 309.559



82, 28.260, 259.975



48, 10.352, 309.626



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, 54.395, 310.966



68, 65.380, 311.368



78, 59.495, 325.992



49, 7.931, 309.487



30, 100.533, 311.869



6, 44.901, 312.877

Inverse Universe

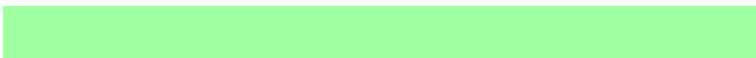
The Inverse Universe completely reimagines the original color for something new.



76, 42.997, 347.388



72, 51.154, 348.364



92, 59.518, 141.228



50, 6.383, 344.407



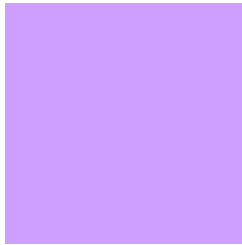
41, 68.247, 2.111



10, 31.869, 356.511

Previews

White Background



This preview shows how the CIELCh color 73, 54.397, 310.966 looks on a white background.

Color Contrast Check

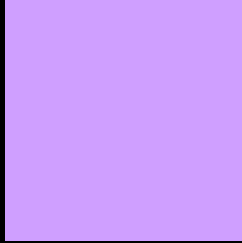
Large Text (above 18pt) WCAG AA × Fail

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, 54.397, 310.966 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, 54.397, 310.966

Background



This preview shows how black text looks on a background with the CIELCh color 73, 54.397, 310.966.



This preview shows how white text looks on a background with the CIELCh color 73, 54.397, 310.966.

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, 54.397, 310.966

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 40.431, 284.592



Tritanopia
73, 11.211, 337.769

Trichromacy



Original Color
73, 54.397, 310.966



Protanomaly
73, 46.260, 295.570



Deuteranomaly
73, 44.659, 295.875



Tritanomaly
73, 26.413, 316.755

Monochromacy



Original Color
73, 54.397, 310.966



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 20.003, 309.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 54.397, 310.966 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(207, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 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(207, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 54.397, 310.966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

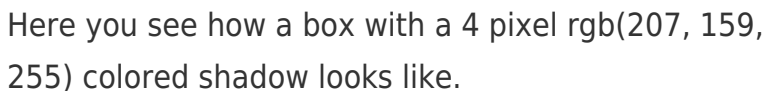
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 159, 255) }
```

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

```
.border{ border-color:rgb(207, 159, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 159, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 159, 255); box-shadow:4px 4px 4px 4px rgb(207, 159, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 54.397, 310.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 255) }
```

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

```
.background{ background-color: rgb(207,  
159, 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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