

Converting Colors

CIELCh(72, 52.969, 306.947)

Have a look what the booklet for
CIELCh(72, 52.969, 306.947)
contains.

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Color

CIELCh(72, 53.127, 307.039)

Conversions

Conversions Part 1

Format	Color
Hex	C39FFE
RGB	195, 159, 254
RGB Percent	76%, 62%, 100%
CMY	0.2345, 0.3757, 0.0031
CMYK	0.23, 0.37, 0.00, 0.00
HSL	263°, 98%, 81%
HSV	263°, 37%, 100%
XYZ	52.9105, 43.6590, 99.5767
YIQ	180.5940, -9.0390, 37.1770

Conversions

Conversions Part 2

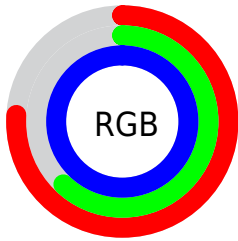
Format	Color
RYB	195, 159, 254
Decimal	12820478
CIELab	72.00, 32.00, -42.41
CIELCh	72, 53.127, 307.039
Yxy	43.6590, 0.2698, 0.2226
Android (android.graphics.Color)	4291010558 (0xFFC39FFE)
YUV	180.5940, 36.1892, 12.6341
Hunter-Lab	66.0750, 27.3053, -43.0991

Details

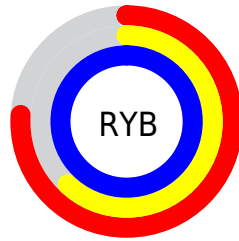
The CIELCh color `72, 53.127, 307.039` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `95, 49.555, 122.776`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 25.318, 323.958`, and `52, 53.206, 306.878` is the 20% darker color. If you saturate the color by 10%, you get `65, 68.136, 307.777`, and if you desaturate by 10%, it is `79, 38.350, 306.338`.

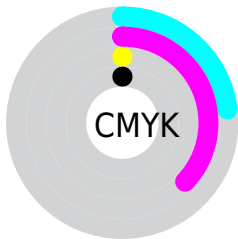
Distribution



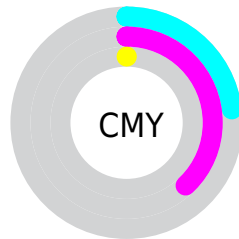
- Red (76%)
- Green (62%)
- Blue (100%)



- Red (76%)
- Yellow (62%)
- Blue (100%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (38%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 53.127, 307.039 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 72, 53.127, 307.039 by changing the saturation by 10% instead.


 72, 53.127,
307.039


 72, 53.127,
307.039


 100, 53.127,
307.039


 62, 53.127,
307.039


 92, 53.127,
307.039

 52, 53.127,
307.039

 42, 53.127,
307.039

 32, 53.127,
307.039

 22, 53.127,
307.039

 12, 53.127,
307.039

 2, 53.127, 307.039

■ 0, 53.127, 307.039

■ 72, 53.127,
307.039

■ 72, 53.127,
307.039

■ 65, 68.136,
307.777

■ 79, 38.350,
306.338

■ 58, 83.086,
308.512

■ 87, 23.956,
305.693

■ 51, 97.434,
309.172

■ 94, 10.006,
305.110

■ 46, 110.288,
309.642

■ 100, 0.391,
109.951

■ 41, 120.423,
309.772

■ 38, 126.719,
309.424

■ 37,127.977,
309.301

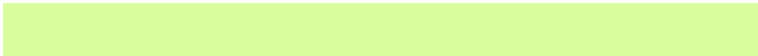
Harmonies

Complementary

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



72, 53.127, 307.039



95, 49.555, 122.776

Rectangle

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



72, 53.127, 307.039



72, 53.127, 357.039



72, 53.127, 127.039



72, 53.127, 177.039

Sweetspot

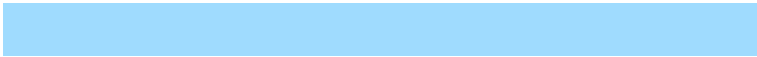
The Sweet Spot groups the original color and five complimentary colors.



72, 53.125, 307.039



92, 15.045, 305.315



85, 25.414, 245.084



48, 10.132, 305.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 53.125, 307.039



67, 64.723, 307.601



77, 57.408, 322.505



49, 7.758, 305.229



27, 103.106, 309.478



5, 44.874, 309.650

Inverse Universe

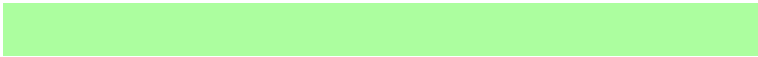
The Inverse Universe completely reimagines the original color for something new.



77, 45.853, 340.806



73, 54.908, 341.604



93, 56.863, 138.476



50, 6.939, 338.340



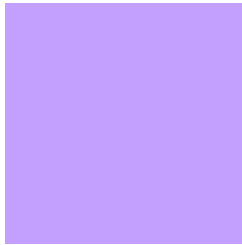
42, 71.051, 351.189



11, 33.498, 347.487

Previews

White Background



This preview shows how the CIELCh color 72, 53.127, 307.039 looks on a white background.

Color Contrast Check

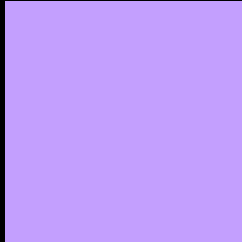
Large Text (above 18pt) WCAG AA × Fail

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 72, 53.127, 307.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

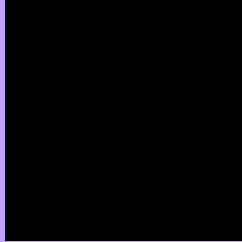
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 53.127, 307.039

Background



This preview shows how black text looks on a background with the CIELCh color 72, 53.127, 307.039.



This preview shows how white text looks on a background with the CIELCh color 72, 53.127, 307.039.

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

72, 53.127, 307.039

Protanopia

72, 44.320, 285.258

Deuteranopia

72, 41.717, 283.524



Tritanopia
72, 8.516, 316.474

Trichromacy



Original Color
72, 53.127, 307.039

Protanomaly
72, 46.832, 293.448

Deuteranomaly
72, 45.219, 293.264

Tritanomaly
72, 24.497, 308.038

Monochromacy



Original Color
72, 53.127, 307.039

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 19.667, 305.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 53.127, 307.039 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(195, 159, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 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(195, 159, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 53.127, 307.039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

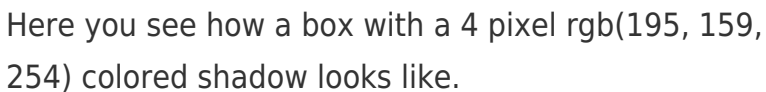
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 159, 254) }
```

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

```
.border{ border-color:rgb(195, 159, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 159, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 159, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 159, 254); box-shadow:4px 4px 4px 4px rgb(195, 159, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 53.127, 307.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 254) }
```

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

```
.background{ background-color: rgb(195,  
159, 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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