

Converting Colors

CIELCh(60, 73.429, 303.220)

Have a look what the booklet for
CIELCh(60, 73.429, 303.220)
contains.

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Color

CIELCh(60, 73.472, 303.169)

Conversions

Conversions Part 1

Format	Color
Hex	977CFE
RGB	151, 124, 254
RGB Percent	59%, 49%, 100%
CMY	0.4081, 0.5140, 0.0042
CMYK	0.41, 0.51, 0.00, 0.00
HSL	252°, 98%, 74%
HSV	252°, 51%, 100%
XYZ	37.8273, 28.1233, 97.1402
YIQ	146.8930, -25.6380, 46.1540

Conversions

Conversions Part 2

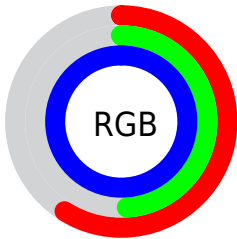
Format	Color
R_{YB}	151, 124, 254
Decimal	9927934
CIE _{Lab}	60.00, 40.20, -61.50
CIE _{LCh}	60, 73.472, 303.169
Yxy	28.1233, 0.2319, 0.1724
Android (android.graphics.Color)	4288118014 (0xFF977CFE)
YUV	146.8930, 52.8038, 3.6018
Hunter-Lab	53.0314, 34.5189, -71.4823

Details

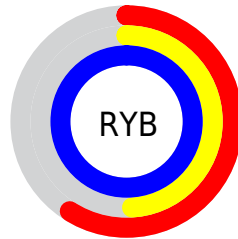
The CIELCh color `60, 73.472, 303.169` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `95, 64.549, 114.916`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `77, 43.332, 307.600`, and `40, 73.385, 303.235` is the 20% darker color. If you saturate the color by 10%, you get `53, 88.875, 304.419`, and if you desaturate by 10%, it is `68, 58.159, 301.978`.

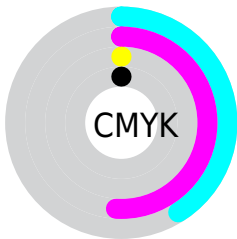
Distribution



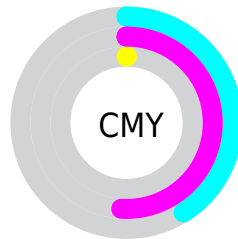
- Red (59%)
- Green (49%)
- Blue (100%)



- Red (59%)
- Yellow (49%)
- Blue (100%)



- Cyan (41%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 73.472, 303.169 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 60, 73.472, 303.169 by changing the saturation by 10% instead.


 60, 73.472,
303.169


 60, 73.472,
303.169


 100, 73.472,
303.169


 50, 73.472,
303.169


 80, 73.472,
303.169

 40, 73.472,
303.169

 90, 73.472,
303.169

 30, 73.472,
303.169

 20, 73.472,
303.169

 10, 73.472,
303.169

 0, 73.472, 303.169

 60, 73.472,

 60, 73.472,

303.169

303.169

■ 53, 88.875,
304.419

■ 68, 58.159,
301.978

■ 46, 103.728,
305.625

■ 75, 43.235,
300.894

■ 40, 116.847,
306.612

■ 83, 28.816,
299.933

■ 36, 126.543,
307.151

■ 91, 14.931,
299.094

■ 34, 131.509,
307.193

■ 99, 1.570, 298.358

■ 100, 0.532,
109.993

Harmonies

Complementary

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



60, 73.472, 303.169



95, 64.549, 114.916

Rectangle

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



60, 73.472, 303.169



60, 73.472, 353.169



60, 73.472, 123.169



60, 73.472, 173.169

Sweetspot

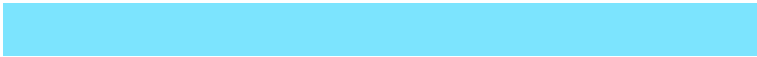
The Sweet Spot groups the original color and five complimentary colors.



60, 73.471, 303.170



88, 20.225, 299.400



85, 32.049, 223.150



45, 13.854, 299.576



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 73.471, 303.170



53, 88.886, 304.397



67, 75.651, 317.872



49, 7.587, 298.963



24, 106.082, 307.308



4, 44.573, 305.699

Inverse Universe

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



70, 68.760, 334.299



66, 79.706, 335.062



92, 72.905, 133.099



50, 7.840, 331.370



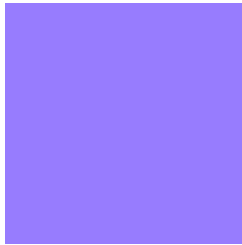
43, 79.228, 338.659



11, 37.134, 337.148

Previews

White Background



This preview shows how the CIELCh color 60, 73.472, 303.169 looks on a white background.

Color Contrast Check

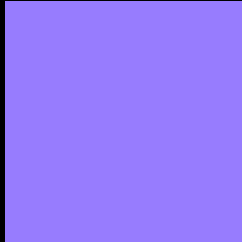
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 73.472, 303.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

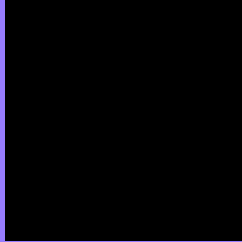
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 73.472, 303.169

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.472, 303.169.

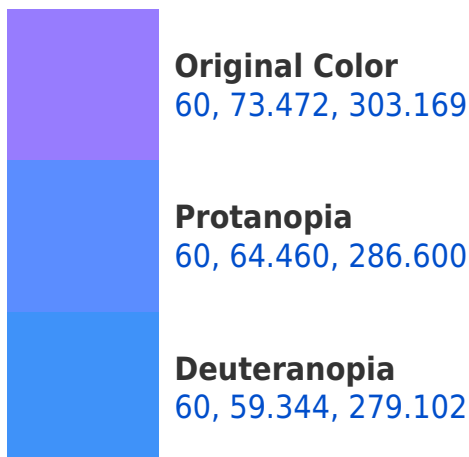


This preview shows how white text looks on a background with the CIELCh color 60, 73.472, 303.169.

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
60, 9.512, 244.637

Trichromacy



Original Color
60, 73.472, 303.169

Protanomaly
60, 67.517, 292.592

Deuteranomaly
60, 63.955, 287.794

Tritanomaly
60, 31.136, 291.803

Monochromacy



Original Color
60, 73.472, 303.169

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 26.838, 299.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 73.472, 303.169 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(151, 124, 254)` looks like.

```
.text, #text, p{  
    color:rgb(151, 124, 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(151, 124, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 124, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.472, 303.169 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(151, 124, 254) }
```

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

```
.border{ border-color:rgb(151, 124, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 124, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 124, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 124, 254);  
box-shadow:4px 4px 4px 4px rgb(151, 124,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.472, 303.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 124, 254) }
```

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

```
.background{ background-color: rgb(151,  
124, 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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