

Converting Colors

CIELCh(60, 74.740, 305.342)

Have a look what the booklet for
CIELCh(60, 74.740, 305.342)
contains.

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Color

CIELCh(60, 74.838, 305.296)

Conversions

Conversions Part 1

Format	Color
Hex	9E79FD
RGB	158, 121, 253
RGB Percent	62%, 47%, 99%
CMY	0.3795, 0.5247, 0.0069
CMYK	0.38, 0.52, 0.00, 0.01
HSL	257°, 97%, 73%
HSV	257°, 52%, 99%
XYZ	38.7744, 28.1233, 96.5068
YIQ	147.1110, -20.3200, 48.8960

Conversions

Conversions Part 2

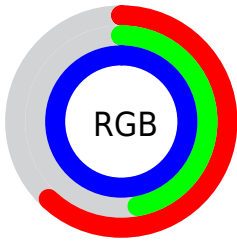
Format	Color
R _Y B	158, 121, 253
Decimal	10385917
CIE Lab	60.00, 43.24, -61.08
CIE LCh	60, 74.838, 305.296
Yxy	28.1233, 0.2373, 0.1721
Android (android.graphics.Color)	4288575997 (0xFF9E79FD)
YUV	147.1110, 52.2033, 9.5497
Hunter-Lab	53.0314, 37.7067, -70.7742

Details

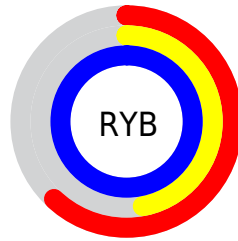
The CIELCh color $60, 74.838, 305.296$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $94, 66.283, 118.044$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 45.754, 311.250$, and $40, 75.099, 305.187$ is the 20% darker color. If you saturate the color by 10%, you get $53, 89.929, 306.291$, and if you desaturate by 10%, it is $67, 59.665, 304.314$.

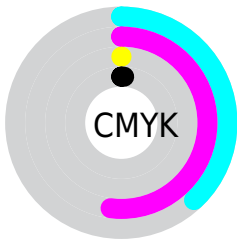
Distribution



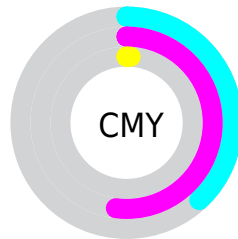
- Red (62%)
- Green (47%)
- Blue (99%)



- Red (62%)
- Yellow (47%)
- Blue (99%)



- Cyan (38%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)





- Cyan (38%)
- Magenta (52%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 74.838, 305.296 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, 74.838, 305.296 by changing the saturation by 10% instead.


 60, 74.838,
305.296


 60, 74.838,
305.296


 100, 74.838,
305.296


 50, 74.838,
305.296


 80, 74.838,
305.296

 40, 74.838,
305.296

 90, 74.838,
305.296

 30, 74.838,
305.296

 20, 74.838,
305.296

 10, 74.838,
305.296

 0, 74.838, 305.296

 60, 74.838,

 60, 74.838,

305.296

305.296

■ 53, 89.929,
306.291

■ 67, 59.665,
304.314

■ 47, 104.255,
307.198

■ 75, 44.764,
303.396

■ 41, 116.659,
307.858

■ 83, 30.293,
302.566

■ 37, 125.625,
308.076

■ 90, 16.311,
301.831

■ 35, 129.886,
307.917

■ 98, 2.828, 301.173

100, 0.885,
110.024

Harmonies

Complementary

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



60, 74.838, 305.296



94, 66.283, 118.044

Rectangle

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



60, 74.838, 305.296



60, 74.838, 355.296



60, 74.838, 125.296



60, 74.838, 175.296

Sweetspot

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



60, 74.837, 305.296



88, 21.776, 302.104



83, 32.262, 233.523



45, 14.757, 302.256



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, 74.837, 305.296



53, 91.726, 306.377



67, 77.398, 319.974



49, 7.649, 301.652



25, 104.964, 308.061



4, 44.717, 307.256

Inverse Universe

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



69, 66.434, 337.532



65, 77.864, 338.604



91, 75.467, 134.864



50, 7.443, 334.119



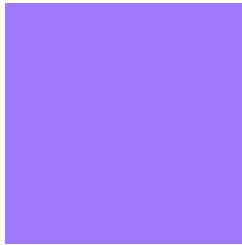
43, 75.267, 343.515



11, 35.435, 341.180

Previews

White Background



This preview shows how the CIELCh color 60, 74.838, 305.296 looks on a white background.

Color Contrast Check

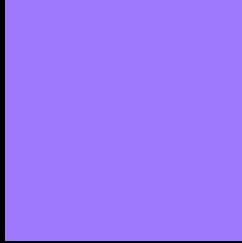
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.838, 305.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

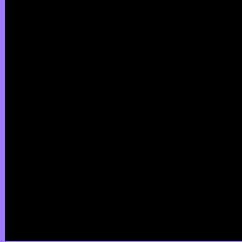
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 74.838, 305.296

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.838, 305.296.

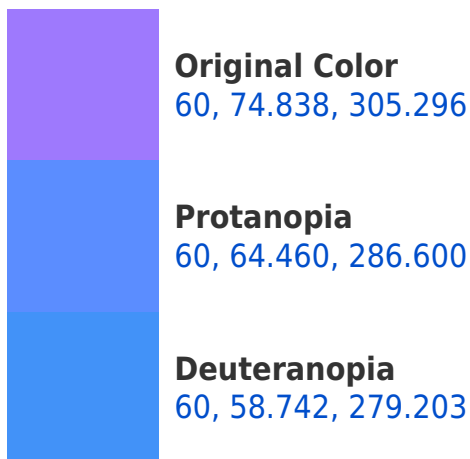


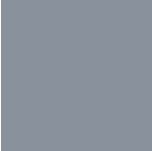
This preview shows how white text looks on a background with the CIELCh color 60, 74.838, 305.296.

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, 7.336, 267.156

Trichromacy



Original Color
60, 74.838, 305.296



Protanomaly
60, 67.544, 293.201



Deuteranomaly
59, 63.882, 288.903



Tritanomaly
59, 31.972, 299.059

Monochromacy



Original Color
60, 74.838, 305.296



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 27.619, 302.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.838, 305.296 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(158, 121, 253)` looks like.

```
.text, #text, p{  
    color:rgb(158, 121, 253)  
}
```

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(158, 121, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 121, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.838, 305.296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

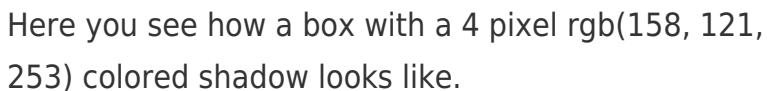
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 121, 253) }
```

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

```
.border{ border-color:rgb(158, 121, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 121, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 121, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 121, 253); box-shadow:4px 4px 4px 4px rgb(158, 121, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.838, 305.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 121, 253) }
```

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

```
.background{ background-color: rgb(158,  
121, 253) }
```

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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