

Converting Colors

CIELCh(60, 37.614, 305.720)

Have a look what the booklet for
CIELCh(60, 37.614, 305.720)
contains.

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Color

CIELCh(60, 37.074, 305.474)

Conversions

Conversions Part 1

Format	Color
Hex	9C86C6
RGB	156, 134, 198
RGB Percent	61%, 53%, 78%
CMY	0.3889, 0.4752, 0.2242
CMYK	0.21, 0.32, 0.00, 0.22
HSL	261°, 36%, 65%
HSV	261°, 32%, 78%
XYZ	32.3507, 28.1233, 57.0403
YIQ	147.8740, -7.4320, 24.5680

Conversions

Conversions Part 2

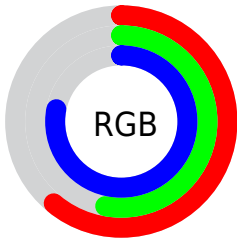
Format	Color
RYB	156, 134, 198
Decimal	10258118
CIELab	60.00, 21.52, -30.19
CIELCh	60, 37.074, 305.474
Yxy	28.1233, 0.2753, 0.2393
Android (android.graphics.Color)	4288448198 (0xFF9C86C6)
YUV	147.8740, 24.7121, 7.1265
Hunter-Lab	53.0314, 16.0851, -26.6499

Details

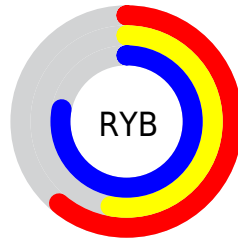
The CIELCh color $60, 37.074, 305.474$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 34.867, 121.681$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 37.289, 305.404$, and $40, 37.284, 305.785$ is the 20% darker color. If you saturate the color by 10%, you get $54, 49.239, 306.247$, and if you desaturate by 10%, it is $66, 25.202, 304.761$.

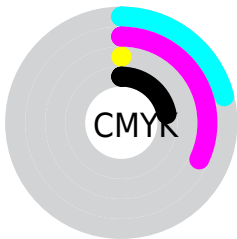
Distribution



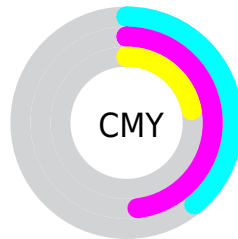
- Red (61%)
- Green (53%)
- Blue (78%)



- Red (61%)
- Yellow (53%)
- Blue (78%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 37.074, 305.474 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, 37.074, 305.474 by changing the saturation by 10% instead.

60, 37.074,
305.474

60, 37.074,
305.474

100, 37.074,
305.474

50, 37.074,
305.474

80, 37.074,
305.474

40, 37.074,
305.474

90, 37.074,
305.474

30, 37.074,
305.474

20, 37.074,
305.474

10, 37.074,
305.474

0, 37.074, 305.474

60, 37.074,

60, 37.074,

305.474

■ 54, 49.239,
306.247

■ 48, 61.557,
307.057

■ 42, 73.731,
307.852

■ 37, 85.233,
308.547

■ 33, 95.215,
309.009

■ 29, 102.601,
309.074

■ 28, 106.487,
308.893

305.474

■ 66, 25.202,
304.761

■ 72, 13.693,
304.119

■ 78, 2.564, 303.531

■ 84, 8.186, 123.066

■ 91, 18.570,
122.628

■ 97, 28.605,
122.251

■ 98, 29.019,
114.158

■ 99, 28.822,
107.988

Harmonies

Complementary

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



60, 37.074, 305.474



77, 34.867, 121.681

Rectangle

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



60, 37.074, 305.474



60, 37.074, 355.474



60, 37.074, 125.474



60, 37.074, 175.474

Sweetspot

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



60, 37.072, 305.474



92, 13.581, 303.987



70, 17.941, 239.479



48, 9.288, 304.073



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, 37.072, 305.474



71, 55.522, 306.029



63, 40.295, 321.253



39, 6.287, 303.942



22, 92.164, 309.032



2, 21.895, 300.816

Inverse Universe

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



63, 33.217, 338.593



76, 49.016, 339.248



75, 39.833, 138.001



39, 5.799, 336.737



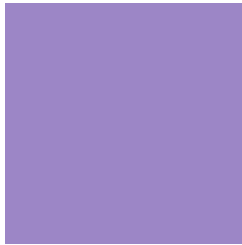
36, 64.506, 347.981



4, 19.840, 343.280

Previews

White Background



This preview shows how the CIELCh color 60, 37.074, 305.474 looks on a white background.

Color Contrast Check

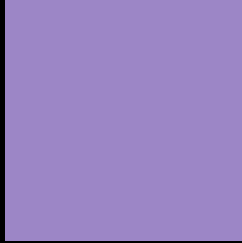
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.074, 305.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

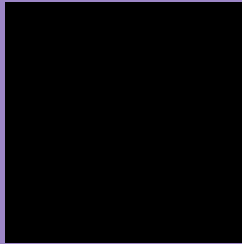
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 37.074, 305.474

Background



This preview shows how black text looks on a background with the CIELCh color 60, 37.074, 305.474.



This preview shows how white text looks on a background with the CIELCh color 60, 37.074, 305.474.

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


60, 37.074, 305.474

Protanopia

60, 35.203, 284.906

Deuteranopia

60, 30.067, 285.453



Tritanopia
60, 6.528, 307.776

Trichromacy



Original Color
60, 37.074, 305.474

Protanomaly
60, 35.020, 291.900

Deuteranomaly
60, 32.214, 293.111

Tritanomaly
60, 17.507, 305.248

Monochromacy



Original Color
60, 37.074, 305.474

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.361, 304.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 37.074, 305.474 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(156, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(156, 134, 198)  
}
```

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(156, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 134, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 37.074, 305.474 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(156, 134, 198) }
```

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

```
.border{ border-color:rgb(156, 134, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(156, 134,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 37.074, 305.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 134, 198) }
```

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

```
.background{ background-color: rgb(156,  
134, 198) }
```

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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