

Converting Colors

CIELCh(60, 39.367, 309.014)

Have a look what the booklet for
CIELCh(60, 39.367, 309.014)
contains.

CIELCh(60, 39.322, 309.005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 39.322, 309.005)

Conversions

Conversions Part 1

Format	Color
Hex	A284C7
RGB	162, 132, 199
RGB Percent	64%, 52%, 78%
CMY	0.3665, 0.4840, 0.2214
CMYK	0.19, 0.34, 0.00, 0.22
HSL	267°, 37%, 65%
HSV	267°, 34%, 78%
XYZ	33.2580, 28.1233, 57.4280
YIQ	148.6080, -3.6270, 27.1970

Conversions

Conversions Part 2

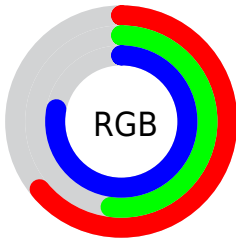
Format	Color
R_{YB}	162, 132, 199
Decimal	10650823
CIE _{Lab}	60.00, 24.75, -30.56
CIE _{LCh}	60, 39.322, 309.005
Yxy	28.1233, 0.2799, 0.2367
Android (android.graphics.Color)	4288840903 (0xFFA284C7)
YUV	148.6080, 24.8433, 11.7448
Hunter-Lab	53.0314, 19.1389, -27.0834

Details

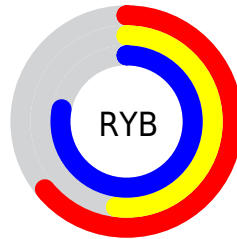
The CIELCh color $60, 39.322, 309.005$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 37.277, 125.594$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 39.057, 309.454$, and $40, 39.501, 308.928$ is the 20% darker color. If you saturate the color by 10%, you get $54, 51.521, 309.614$, and if you desaturate by 10%, it is $66, 27.300, 308.420$.

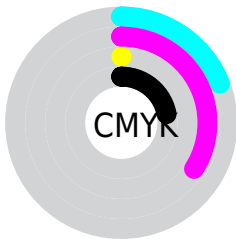
Distribution



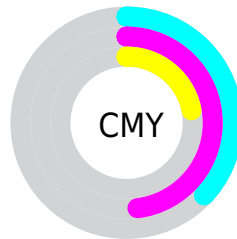
- Red (64%)
- Green (52%)
- Blue (78%)



- Red (64%)
- Yellow (52%)
- Blue (78%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)





- Cyan (37%)
- Magenta (48%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 39.322, 309.005 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, 39.322, 309.005 by changing the saturation by 10% instead.


 60, 39.322,
309.005


 60, 39.322,
309.005


 100, 39.322,
309.005


 50, 39.322,
309.005


 80, 39.322,
309.005

 40, 39.322,
309.005


 90, 39.322,
309.005


 30, 39.322,
309.005

 20, 39.322,
309.005

 10, 39.322,
309.005

 0, 39.322, 309.005

 60, 39.322,

 60, 39.322,

309.005

■ 54, 51.521,
309.614

■ 49, 63.696,
310.214

■ 43, 75.485,
310.754

■ 39, 86.308,
311.147

■ 35, 95.351,
311.279

■ 31, 101.720,
311.020

■ 30, 104.573,
310.719

309.005

■ 66, 27.300,
308.420

■ 72, 15.566,
307.876

■ 78, 4.168, 307.366


■ 84, 6.875, 126.965

■ 90, 17.564,
126.566

■ 96, 27.910,
126.222

■ 98, 29.213,
120.331

■ 98, 28.562,
112.339

 99, 28.463,
108.015

Harmonies

Complementary

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



60, 39.322, 309.005



76, 37.277, 125.594

Rectangle

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



60, 39.322, 309.005



60, 39.322, 359.005



60, 39.322, 129.005



60, 39.322, 179.005

Sweetspot

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



60, 39.320, 309.005



93, 13.819, 307.691



68, 19.830, 252.988



48, 9.448, 307.764



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, 39.320, 309.005



71, 57.575, 309.422



63, 43.135, 324.311



39, 6.398, 307.653



24, 90.267, 310.877



2, 22.175, 304.084

Inverse Universe

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



63, 32.467, 343.930



75, 47.048, 344.694



75, 42.974, 140.458



39, 5.390, 341.634



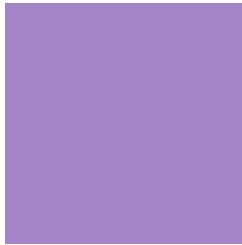
35, 61.537, 356.748



4, 18.418, 349.761

Previews

White Background



This preview shows how the CIELCh color 60, 39.322, 309.005 looks on a white background.

Color Contrast Check

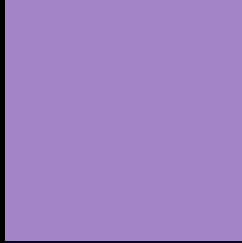
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.322, 309.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

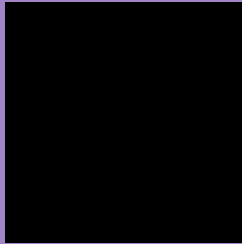
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 39.322, 309.005

Background



This preview shows how black text looks on a background with the CIELCh color 60, 39.322, 309.005.



This preview shows how white text looks on a background with the CIELCh color 60, 39.322, 309.005.

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, 8.017, 329.430

Trichromacy



Original Color
60, 39.322, 309.005

Protanomaly
60, 36.731, 293.663

Deuteranomaly
60, 32.830, 294.895

Tritanomaly
60, 18.962, 313.678

Monochromacy



Original Color
60, 39.322, 309.005

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.208, 308.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 39.322, 309.005 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(162, 132, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 199)  
}
```

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(162, 132, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 39.322, 309.005 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(162, 132, 199) }
```

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

```
.border{ border-color:rgb(162, 132, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 39.322, 309.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 199) }
```

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

```
.background{ background-color: rgb(162,  
132, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor