

Converting Colors

CIELCh(60, 39.065, 317.191)

Have a look what the booklet for
CIELCh(60, 39.065, 317.191)
contains.

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Color

CIELCh(60, 39.422, 317.250)

Conversions

Conversions Part 1

Format	Color
Hex	AD80C0
RGB	173, 128, 192
RGB Percent	68%, 50%, 75%
CMY	0.3216, 0.4981, 0.2471
CMYK	0.10, 0.33, 0.00, 0.25
HSL	282°, 34%, 63%
HSV	282°, 33%, 75%
XYZ	34.4615, 28.1233, 53.4740
YIQ	148.7510, 6.2760, 29.4440

Conversions

Conversions Part 2

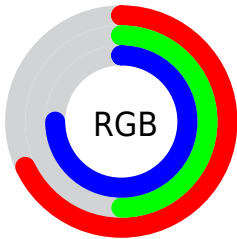
Format	Color
RYB	173, 128, 192
Decimal	11370688
CIELab	60.00, 28.95, -26.76
CIELCh	60, 39.422, 317.250
Yxy	28.1233, 0.2969, 0.2423
Android (android.graphics.Color)	4289560768 (0xFFAD80C0)
YUV	148.7510, 21.3218, 21.2664
Hunter-Lab	53.0314, 23.1898, -22.6628

Details

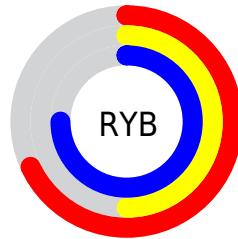
The CIELCh color $60, 39.422, 317.250$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $73, 38.471, 134.223$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 39.806, 317.097$, and $40, 39.296, 317.522$ is the 20% darker color. If you saturate the color by 10%, you get $55, 51.291, 317.658$, and if you desaturate by 10%, it is $65, 27.439, 316.817$.

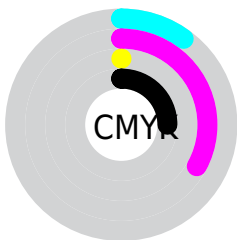
Distribution



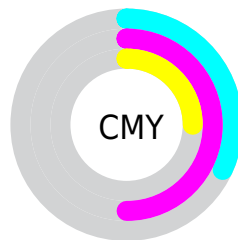
- Red (68%)
- Green (50%)
- Blue (75%)



- Red (68%)
- Yellow (50%)
- Blue (75%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)





- Cyan (32%)
- Magenta (50%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 39.422, 317.250 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, 39.422, 317.250 by changing the saturation by 10% instead.


 60, 39.422,
317.250


 60, 39.422,
317.250


 100, 39.422,
317.250


 50, 39.422,
317.250


 80, 39.422,
317.250

 40, 39.422,
317.250

 90, 39.422,
317.250

 30, 39.422,
317.250

 20, 39.422,
317.250

 10, 39.422,
317.250

 0, 39.422, 317.250

 60, 39.422,

 60, 39.422,

317.250

317.250

■ 55, 51.291,
317.658

■ 65, 27.439,
316.817

■ 50, 62.753,
318.009

■ 70, 15.542,
316.378

■ 46, 73.378,
318.260

■ 76, 3.848, 315.923

■ 81, 7.573, 135.594

■ 42, 82.611,
318.355

■ 87, 18.688,
135.208

■ 39, 89.845,
318.229

■ 92, 29.483,
134.863

■ 37, 94.588,
317.823

■ 96, 35.599,
133.581

■ 36, 96.686,
317.437

■ 96, 34.701,
130.623

■ 96, 33.899,
127.469

Harmonies

Complementary

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



60, 39.422, 317.250



73, 38.471, 134.223

Rectangle

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



60, 39.422, 317.250



60, 39.422, 7.250



60, 39.422, 137.250



60, 39.422, 187.250

Sweetspot

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



60, 39.420, 317.250



92, 14.393, 316.239



61, 25.748, 278.850



48, 9.832, 316.302



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 39.420, 317.250



72, 58.668, 317.552



62, 36.830, 332.668



38, 6.632, 316.205



30, 84.668, 317.561



3, 21.231, 313.275

Inverse Universe

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



61, 27.429, 359.947



73, 41.057, 1.102



72, 36.680, 147.945



38, 4.511, 356.999



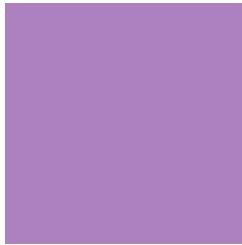
33, 61.946, 20.726



3, 14.603, 3.635

Previews

White Background



This preview shows how the CIELCh color 60, 39.422, 317.250 looks on a white background.

Color Contrast Check

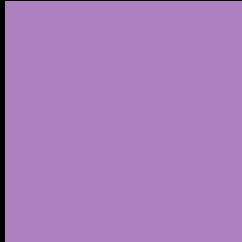
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.422, 317.250 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, 39.422, 317.250

Background



This preview shows how black text looks on a background with the CIELCh color 60, 39.422, 317.250.



This preview shows how white text looks on a background with the CIELCh color 60, 39.422, 317.250.

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, 12.975, 352.334

Trichromacy



Original Color
60, 39.422, 317.250

Protanomaly
60, 34.589, 296.626

Deuteranomaly
60, 30.375, 301.154

Tritanomaly
60, 21.500, 329.826

Monochromacy



Original Color
60, 39.422, 317.250

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 15.021, 316.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 39.422, 317.250 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(173, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 128, 192)  
}
```

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(173, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 128, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 39.422, 317.250 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(173, 128, 192) }
```

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

```
.border{ border-color:rgb(173, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 128,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 39.422, 317.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 128, 192) }
```

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

```
.background{ background-color: rgb(173,  
128, 192) }
```

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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