

Converting Colors

CIELCh(60, 40.886, 317.717)

Have a look what the booklet for
CIELCh(60, 40.886, 317.717)
contains.

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Color

CIELCh(60, 40.821, 318.048)

Conversions

Conversions Part 1

Format	Color
Hex	AF7FC1
RGB	175, 127, 193
RGB Percent	69%, 50%, 76%
CMY	0.3139, 0.5021, 0.2433
CMYK	0.09, 0.34, 0.00, 0.24
HSL	284°, 35%, 63%
HSV	284°, 34%, 76%
XYZ	34.8720, 28.1233, 54.0141
YIQ	148.8760, 7.4220, 30.7020

Conversions

Conversions Part 2

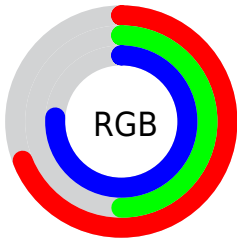
Format	Color
RYB	175, 127, 193
Decimal	11501505
CIELab	60.00, 30.36, -27.29
CIELCh	60, 40.821, 318.048
Yxy	28.1233, 0.2980, 0.2404
Android (android.graphics.Color)	4289691585 (0xFFAF7FC1)
YUV	148.8760, 21.7531, 22.9107
Hunter-Lab	53.0314, 24.5717, -23.2667

Details

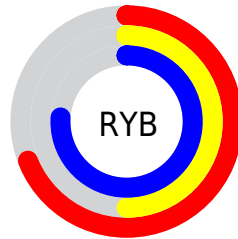
The CIELCh color **60, 40.821, 318.048** is a light color, and the websafe version is hex **996699**. A complement of this color would be **73, 39.914, 134.896**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 41.165, 317.843**, and **40, 40.607, 317.869** is the 20% darker color. If you saturate the color by 10%, you get **55, 52.720, 318.448**, and if you desaturate by 10%, it is **65, 28.754, 317.618**.

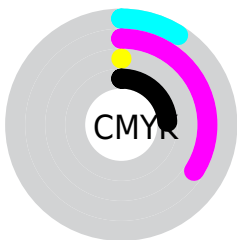
Distribution



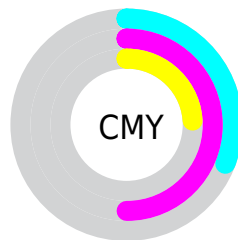
- Red (69%)
- Green (50%)
- Blue (76%)



- Red (69%)
- Yellow (50%)
- Blue (76%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)





- Cyan (31%)
- Magenta (50%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 40.821, 318.048 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, 40.821, 318.048 by changing the saturation by 10% instead.


 60, 40.821,
318.048


 60, 40.821,
318.048


 100, 40.821,
318.048


 50, 40.821,
318.048


 80, 40.821,
318.048

 40, 40.821,
318.048

 90, 40.821,
318.048

 30, 40.821,
318.048

 20, 40.821,
318.048

 10, 40.821,
318.048

 0, 40.821, 318.048

 60, 40.821,

 60, 40.821,

318.048

■ 55, 52.720,
318.448

■ 50, 64.136,
318.786

■ 46, 74.620,
319.019

■ 43, 83.609,
319.094

■ 40, 90.511,
318.950

■ 38, 94.894,
318.535

■ 37, 96.627,
318.213

318.048

■ 65, 28.754,
317.618

■ 70, 16.739,
317.179

■ 76, 4.906, 316.727

■ 81, 6.664, 136.387

■ 87, 17.933,
135.989

■ 92, 28.881,
135.634

■ 96, 35.346,
134.480

■ 96, 34.491,
131.767

■ 96, 33.714,
128.883

Harmonies

Complementary

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



60, 40.821, 318.048



73, 39.914, 134.896

Rectangle

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



60, 40.821, 318.048



60, 40.821, 8.048



60, 40.821, 138.048



60, 40.821, 188.048

Sweetspot

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



60, 40.819, 318.048



92, 14.484, 317.001



61, 27.112, 280.189



48, 9.893, 317.063



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, 40.819, 318.048



72, 60.374, 318.350



61, 37.494, 333.361



38, 6.674, 316.966



30, 84.307, 318.333



3, 21.401, 314.302

Inverse Universe

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



60, 28.068, 1.815



73, 41.840, 3.035



73, 37.310, 148.422



38, 4.460, 358.701



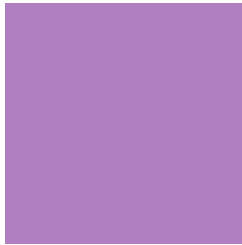
33, 62.687, 22.864



3, 14.514, 4.857

Previews

White Background



This preview shows how the CIELCh color 60, 40.821, 318.048 looks on a white background.

Color Contrast Check

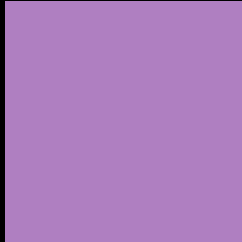
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.821, 318.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

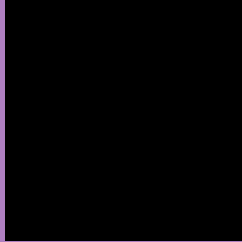
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 40.821, 318.048

Background



This preview shows how black text looks on a background with the CIELCh color 60, 40.821, 318.048.



This preview shows how white text looks on a background with the CIELCh color 60, 40.821, 318.048.

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, 14.055, 354.841

Trichromacy



Original Color
60, 40.821, 318.048

Protanomaly
60, 36.326, 297.170

Deuteranomaly
60, 30.930, 301.047

Tritanomaly
60, 22.637, 331.341

Monochromacy



Original Color
60, 40.821, 318.048

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, 40.821, 318.048 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(175, 127, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 193)  
}
```

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(175, 127, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 40.821, 318.048 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(175, 127, 193) }
```

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

```
.border{ border-color:rgb(175, 127, 193) }
```

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

Here you see how a box with a 4 pixel rgb(175, 127, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 127, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 127, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 127,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 40.821, 318.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 193) }
```

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

```
.background{ background-color: rgb(175,  
127, 193) }
```

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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