

Converting Colors

CIELCh(60, 43.480, 321.628)

Have a look what the booklet for
CIELCh(60, 43.480, 321.628)
contains.

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Color

CIELCh(60, 43.700, 321.618)

Conversions

Conversions Part 1

Format	Color
Hex	B67CC1
RGB	182, 124, 193
RGB Percent	71%, 49%, 76%
CMY	0.2871, 0.5145, 0.2440
CMYK	0.06, 0.36, 0.00, 0.24
HSL	290°, 36%, 62%
HSV	290°, 36%, 76%
XYZ	36.0235, 28.1233, 53.8549
YIQ	149.2080, 12.4190, 33.7550

Conversions

Conversions Part 2

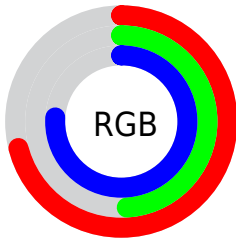
Format	Color
RYB	182, 124, 193
Decimal	11959489
CIELab	60.00, 34.26, -27.13
CIELCh	60, 43.700, 321.618
Yxy	28.1233, 0.3053, 0.2383
Android (android.graphics.Color)	4290149569 (0xFFB67CC1)
YUV	149.2080, 21.5895, 28.7586
Hunter-Lab	53.0314, 28.4475, -23.0886

Details

The CIELCh color $60, 43.700, 321.618$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $73, 43.190, 137.961$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 44.158, 321.617$, and $40, 43.382, 321.710$ is the 20% darker color. If you saturate the color by 10%, you get $55, 55.546, 322.018$, and if you desaturate by 10%, it is $65, 31.485, 321.177$.

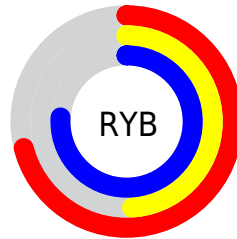
Distribution



Red (71%)

Green (49%)

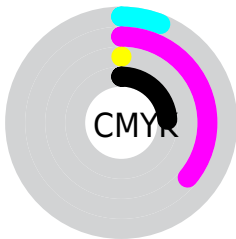
Blue (76%)



Red (71%)

Yellow (49%)

Blue (76%)

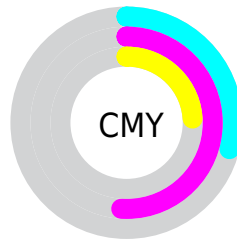


Cyan (6%)

Magenta (36%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 43.700, 321.618 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, 43.700, 321.618 by changing the saturation by 10% instead.

60, 43.700,
321.618

60, 43.700,
321.618

100, 43.700,
321.618

50, 43.700,
321.618

80, 43.700,
321.618

40, 43.700,
321.618

90, 43.700,
321.618

30, 43.700,
321.618

20, 43.700,
321.618

10, 43.700,
321.618

0, 43.700, 321.618

60, 43.700,

60, 43.700,

321.618

■ 55, 55.546,
322.018

■ 51, 66.647,
322.350

■ 48, 76.517,
322.579

■ 45, 84.619,
322.667

■ 42, 90.476,
322.577

■ 41, 93.869,
322.287

■ 40, 94.901,
322.135

321.618

■ 65, 31.485,
321.177

■ 70, 19.182,
320.717

■ 75, 6.975, 320.240

■ 80, 5.017, 139.867

■ 86, 16.727,
139.409

■ 91, 28.118,
139.000

■ 95, 36.938,
138.426

■ 95, 36.371,
137.025

■ 96, 35.824,
135.567

Harmonies

Complementary

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



60, 43.700, 321.618



73, 43.190, 137.961

Rectangle

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



60, 43.700, 321.618



60, 43.700, 11.618



60, 43.700, 141.618



60, 43.700, 191.618

Sweetspot

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



60, 43.698, 321.618



91, 16.450, 320.501



58, 32.816, 287.479



48, 11.063, 320.565



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, 43.698, 321.618



72, 64.537, 321.939



60, 36.183, 338.411



38, 6.887, 320.415



33, 82.887, 322.213



3, 22.368, 319.272

Inverse Universe

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



59, 28.774, 10.524



71, 43.335, 11.919



73, 35.650, 152.594



38, 4.274, 7.164



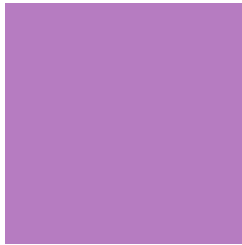
33, 67.179, 31.734



3, 14.189, 10.765

Previews

White Background



This preview shows how the CIELCh color 60, 43.700, 321.618 looks on a white background.

Color Contrast Check

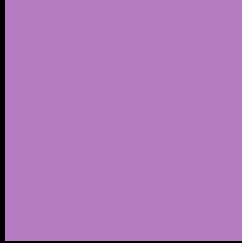
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.700, 321.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

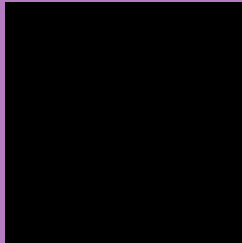
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 43.700, 321.618

Background



This preview shows how black text looks on a background with the CIELCh color 60, 43.700, 321.618.

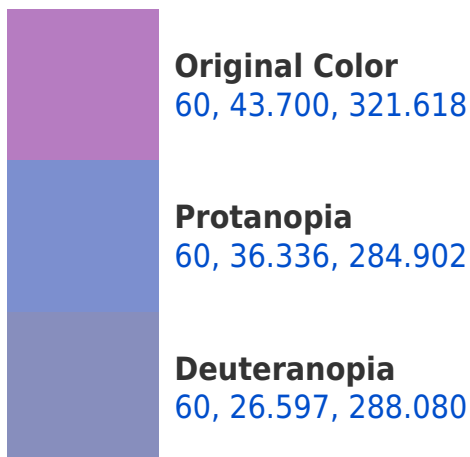


This preview shows how white text looks on a background with the CIELCh color 60, 43.700, 321.618.

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, 17.271, 2.390

Trichromacy



Original Color
60, 43.700, 321.618

Protanomaly
60, 37.548, 298.665

Deuteranomaly
60, 31.815, 304.049

Tritanomaly
60, 25.342, 336.984

Monochromacy



Original Color
60, 43.700, 321.618

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 16.211, 320.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 43.700, 321.618 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(182, 124, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 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(182, 124, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 43.700, 321.618 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(182, 124, 193) }
```

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

```
.border{ border-color:rgb(182, 124, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 43.700, 321.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 193) }
```

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

```
.background{ background-color: rgb(182,  
124, 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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