

Converting Colors

CIELCh(59, 41.724, 323.749)

Have a look what the booklet for
CIELCh(59, 41.724, 323.749)
contains.

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Color

CIELCh(59, 42.101, 323.600)

Conversions

Conversions Part 1

Format	Color
Hex	B479BA
RGB	180, 121, 186
RGB Percent	71%, 47%, 73%
CMY	0.2931, 0.5245, 0.2695
CMYK	0.03, 0.35, 0.00, 0.27
HSL	294°, 32%, 60%
HSV	294°, 35%, 73%
XYZ	34.6439, 27.0277, 49.9938
YIQ	146.0510, 14.2990, 32.7230

Conversions

Conversions Part 2

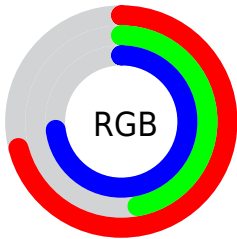
Format	Color
RYB	180, 121, 186
Decimal	11827642
CIELab	59.00, 33.89, -24.98
CIELCh	59, 42.101, 323.600
Yxy	27.0277, 0.3102, 0.2420
Android (android.graphics.Color)	4290017722 (0xFFB479BA)
YUV	146.0510, 19.6949, 29.7733
Hunter-Lab	51.9882, 27.9694, -20.6237

Details

The CIELCh color $59, 42.101, 323.600$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $70, 41.860, 139.749$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 42.199, 323.856$, and $39, 42.154, 323.421$ is the 20% darker color. If you saturate the color by 10%, you get $55, 53.697, 324.030$, and if you desaturate by 10%, it is $64, 30.085, 323.132$.

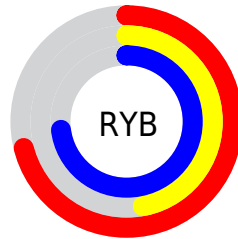
Distribution



Red (71%)

Green (47%)

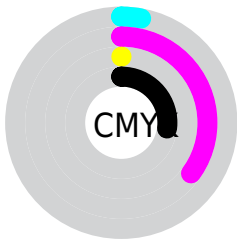
Blue (73%)



Red (71%)

Yellow (47%)

Blue (73%)

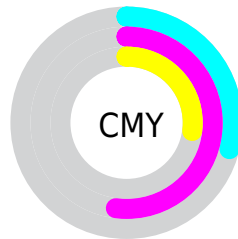


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 42.101, 323.600 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 59, 42.101, 323.600 by changing the saturation by 10% instead.

 59, 42.101,
323.600

 59, 42.101,
323.600

 100, 42.101,
323.600

 49, 42.101,
323.600

 79, 42.101,
323.600

 39, 42.101,
323.600

 89, 42.101,
323.600

 29, 42.101,
323.600

 99, 42.101,
323.600

 19, 42.101,
323.600

 9, 42.101, 323.600

 0, 42.101, 323.600

59, 42.101,
323.600

59, 42.101,
323.600

55, 53.697,
324.030

64, 30.085,
323.132

51, 64.499,
324.399

68, 17.941,
322.643

48, 74.039,
324.680

73, 5.864, 322.130

45, 81.821,
324.846

78, 6.018, 141.728

43, 87.432,
324.872

83, 17.626,
141.241


42, 90.693,
324.745

88, 28.918,
140.796

41, 91.819,
324.647

94, 39.875,
140.379

95, 41.541,
139.775

 95, 41.211,
139.112

Harmonies

Complementary

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



59, 42.101, 323.600



70, 41.860, 139.749

Rectangle

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



59, 42.101, 323.600



59, 42.101, 13.600



59, 42.101, 143.600



59, 42.101, 193.600

Sweetspot

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



59, 42.099, 323.600



89, 14.860, 322.406



55, 33.620, 290.540



47, 10.231, 322.477



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 42.099, 323.600



71, 62.342, 323.939



59, 32.866, 341.545



37, 6.871, 322.365



35, 81.326, 324.690



3, 20.500, 321.416

Inverse Universe

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



58, 27.184, 15.510



69, 41.315, 16.820



70, 32.104, 155.529



37, 4.119, 12.468



33, 69.254, 35.693



3, 12.320, 14.103

Previews

White Background



This preview shows how the CIELCh color 59, 42.101, 323.600 looks on a white background.

Color Contrast Check

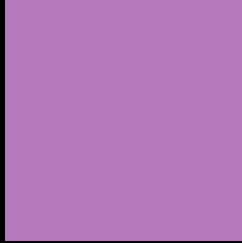
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 59, 42.101, 323.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

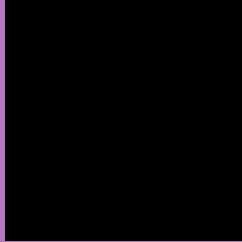
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 42.101, 323.600

Background



This preview shows how black text looks on a background with the CIELCh color 59, 42.101, 323.600.



This preview shows how white text looks on a background with the CIELCh color 59, 42.101, 323.600.

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
59, 42.101, 323.600

Protanopia
59, 34.707, 285.748

Deuteranopia
59, 24.382, 288.914



Tritanopia
59, 18.114, 3.388

Trichromacy



Original Color
59, 42.101, 323.600

Protanomaly
59, 36.068, 299.850

Deuteranomaly
59, 29.758, 305.440

Tritanomaly
59, 25.251, 340.262

Monochromacy



Original Color
59, 42.101, 323.600

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 15.785, 321.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 42.101, 323.600 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(180, 121, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 186)  
}
```

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(180, 121, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 42.101, 323.600 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(180, 121, 186) }
```

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

```
.border{ border-color:rgb(180, 121, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 121, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 121, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 121,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 42.101, 323.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 186) }
```

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

```
.background{ background-color: rgb(180,  
121, 186) }
```

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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