

Converting Colors

CIELCh(57, 39.638, 322.895)

Have a look what the booklet for
CIELCh(57, 39.638, 322.895)
contains.

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Color

CIELCh(57, 39.599, 322.887)

Conversions

Conversions Part 1

Format	Color
Hex	AC76B3
RGB	172, 118, 179
RGB Percent	67%, 46%, 70%
CMY	0.3261, 0.5378, 0.2987
CMYK	0.04, 0.34, 0.00, 0.30
HSL	293°, 29%, 58%
HSV	293°, 34%, 70%
XYZ	31.5598, 24.9227, 45.7109
YIQ	141.1000, 12.6030, 30.4190

Conversions

Conversions Part 2

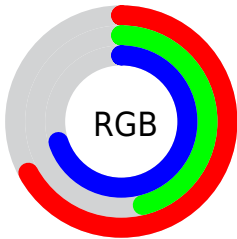
Format	Color
R_{YB}	172, 118, 179
Decimal	11302579
CIE _{Lab}	57.00, 31.58, -23.89
CIE _{LCh}	57, 39.599, 322.887
Yxy	24.9227, 0.3088, 0.2439
Android (android.graphics.Color)	4289492659 (0xFFAC76B3)
YUV	141.1000, 18.6847, 27.0993
Hunter-Lab	49.9226, 25.4787, -19.3422

Details

The CIELCh color $57, 39.599, 322.887$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 39.303, 139.252$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 39.572, 322.757$, and $37, 39.801, 323.153$ is the 20% darker color. If you saturate the color by 10%, you get $53, 50.855, 323.310$, and if you desaturate by 10%, it is $61, 27.996, 322.428$.

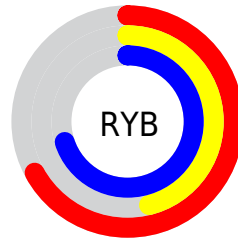
Distribution



Red (67%)

Green (46%)

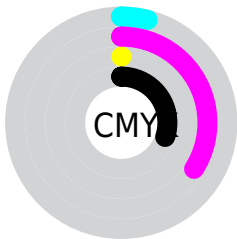
Blue (70%)



Red (67%)

Yellow (46%)

Blue (70%)

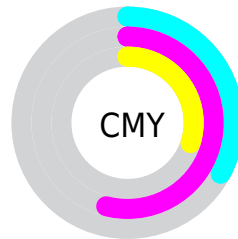


Cyan (4%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 39.599, 322.887 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 57, 39.599, 322.887 by changing the saturation by 10% instead.

■ 57, 39.599,
322.887

■ 57, 39.599,
322.887

■ 100, 39.599,
322.887

■ 47, 39.599,
322.887

■ 77, 39.599,
322.887

■ 37, 39.599,
322.887

■ 87, 39.599,
322.887

■ 27, 39.599,
322.887

■ 97, 39.599,
322.887

■ 17, 39.599,
322.887

■ 7, 39.599, 322.887

■ 0, 39.599, 322.887

57, 39.599,
322.887

57, 39.599,
322.887

53, 50.855,
323.310

61, 27.996,
322.428

49, 61.419,
323.673

66, 16.309,
321.950

46, 70.849,
323.948

71, 4.711, 321.444

43, 78.660,
324.103

76, 6.685, 141.057

41, 84.422,
324.111

81, 17.811,
140.592

39, 87.907,
323.952

86, 28.632,
140.164

39, 89.279,
323.810

91, 39.134,
139.764

94, 45.844,
139.280

 94, 45.454,
138.568

Harmonies

Complementary

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



57, 39.599, 322.887



68, 39.303, 139.252

Rectangle

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



57, 39.599, 322.887



57, 39.599, 12.887



57, 39.599, 142.887



57, 39.599, 192.887

Sweetspot

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



57, 39.597, 322.887



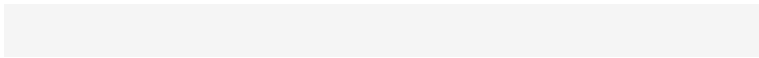
86, 14.255, 321.758



54, 31.115, 289.615



45, 9.814, 321.826



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 39.597, 322.887



69, 58.566, 323.213



57, 31.412, 340.625



35, 6.518, 321.716



33, 79.562, 323.862



2, 15.428, 319.739

Inverse Universe

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



56, 25.625, 13.647



67, 38.778, 14.907



68, 30.769, 154.893



35, 3.949, 10.666



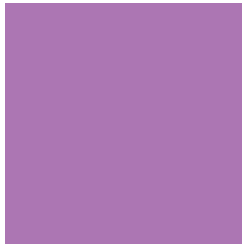
31, 66.576, 34.329



2, 9.247, 12.072

Previews

White Background



This preview shows how the CIELCh color 57, 39.599, 322.887 looks on a white background.

Color Contrast Check

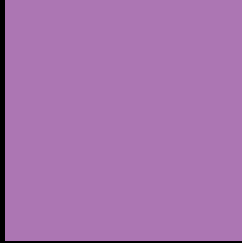
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 39.599, 322.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

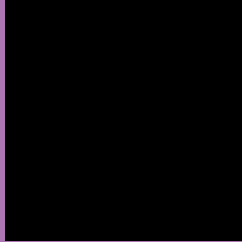
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 39.599, 322.887

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.599, 322.887.



This preview shows how white text looks on a background with the CIELCh color 57, 39.599, 322.887.

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
57, 39.599, 322.887

Protanopia
57, 32.663, 285.533

Deuteranopia
57, 23.407, 288.676



Tritanopia
57, 17.069, 2.017

Trichromacy



Original Color
57, 39.599, 322.887

Protanomaly
57, 33.414, 299.644

Deuteranomaly
57, 28.116, 304.725

Tritanomaly
57, 23.898, 338.634

Monochromacy



Original Color
57, 39.599, 322.887

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.517, 321.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.599, 322.887 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(172, 118, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 118, 179)  
}
```

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(172, 118, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 118, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.599, 322.887 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(172, 118, 179) }
```

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

```
.border{ border-color:rgb(172, 118, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 118, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 118, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 118, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 118,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.599, 322.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 118, 179) }
```

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

```
.background{ background-color: rgb(172,  
118, 179) }
```

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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