

Converting Colors

CIELCh(57, 39.365, 327.635)

Have a look what the booklet for
CIELCh(57, 39.365, 327.635)
contains.

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Color

CIELCh(57, 39.478, 327.683)

Conversions

Conversions Part 1

Format	Color
Hex	B174AE
RGB	177, 116, 174
RGB Percent	69%, 45%, 68%
CMY	0.3056, 0.5448, 0.3173
CMYK	0.00, 0.34, 0.02, 0.31
HSL	303°, 28%, 57%
HSV	303°, 34%, 69%
XYZ	32.0504, 24.9227, 43.2047
YIQ	140.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

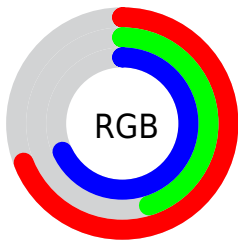
Format	Color
RYB	177, 116, 174
Decimal	11629742
CIELab	57.00, 33.36, -21.11
CIElCh	57, 39.478, 327.683
Yxy	24.9227, 0.3199, 0.2488
Android (android.graphics.Color)	4289819822 (0xFFB174AE)
YUV	140.8510, 16.3425, 31.7027
Hunter-Lab	49.9226, 27.2329, -16.3657

Details

The CIELCh color **57, 39.478, 327.683** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 39.497, 143.289**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 39.719, 327.711**, and **37, 39.309, 327.804** is the 20% darker color. If you saturate the color by 10%, you get **53, 50.347, 328.210**, and if you desaturate by 10%, it is **61, 28.126, 327.134**.

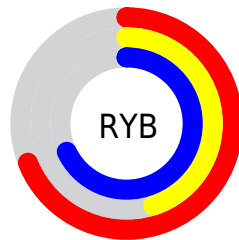
Distribution



Red (69%)

Green (45%)

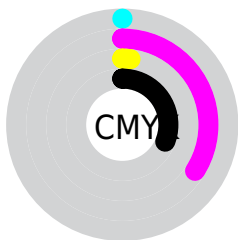
Blue (68%)



Red (69%)

Yellow (45%)

Blue (68%)

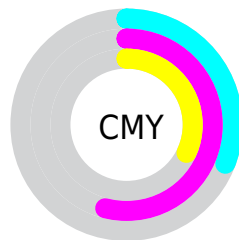


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (54%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 39.478, 327.683 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, 39.478, 327.683 by changing the saturation by 10% instead.

 57, 39.478,
327.683


 57, 39.478,
327.683

 100, 39.478,
327.683

 47, 39.478,
327.683

 77, 39.478,
327.683

 37, 39.478,
327.683

 87, 39.478,
327.683

 27, 39.478,
327.683

 97, 39.478,
327.683

 17, 39.478,
327.683

 7, 39.478, 327.683

 0, 39.478, 327.683

57, 39.478,
327.683

57, 39.478,
327.683

53, 50.347,
328.210

61, 28.126,
327.134

50, 60.362,
328.702

66, 16.591,
326.572

47, 69.078,
329.148

70, 5.082, 325.983

44, 76.055,
329.538

75, 6.261, 145.526

43, 80.950,
329.868

80, 17.351,
144.972

42, 83.651,
330.145

85, 28.137,
144.458

42, 84.588,
330.285

89, 38.598,
143.971

94, 47.126,
143.628

■ 94, 46.764,
143.938

Harmonies

Complementary

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



57, 39.478, 327.683



67, 39.497, 143.289

Rectangle

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



57, 39.478, 327.683



57, 39.478, 17.683



57, 39.478, 147.683



57, 39.478, 197.683

Sweetspot

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



57, 39.476, 327.683



85, 14.147, 326.327



51, 35.576, 295.562



44, 9.649, 326.406



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 39.476, 327.683



69, 57.573, 328.068



56, 28.723, 348.870



35, 6.528, 326.279



36, 75.982, 330.260



3, 15.452, 326.511

Inverse Universe

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



57, 39.476, 327.683



69, 57.573, 328.068



68, 27.346, 162.188



35, 6.528, 326.279



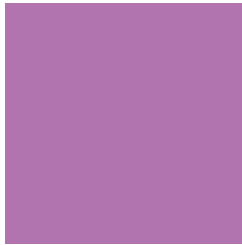
36, 75.982, 330.260



3, 15.452, 326.511

Previews

White Background



This preview shows how the CIELCh color 57, 39.478, 327.683 looks on a white background.

Color Contrast Check

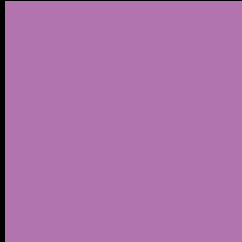
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 39.478, 327.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

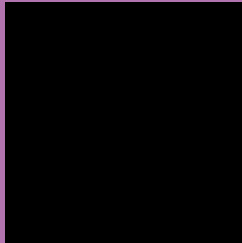
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 39.478, 327.683

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.478, 327.683.



This preview shows how white text looks on a background with the CIELCh color 57, 39.478, 327.683.

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, 39.478, 327.683

Protanopia

57, 30.400, 285.125

Deuteranopia

57, 21.131, 291.668



Tritanopia
57, 20.262, 5.613

Trichromacy



Original Color
57, 39.478, 327.683

Protanomaly
57, 31.888, 301.682

Deuteranomaly
57, 27.038, 309.931

Tritanomaly
57, 25.941, 344.861

Monochromacy



Original Color
57, 39.478, 327.683

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.673, 326.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.478, 327.683 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(177, 116, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 116, 174)  
}
```

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(177, 116, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 116, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.478, 327.683 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(177, 116, 174) }
```

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

```
.border{ border-color:rgb(177, 116, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 116, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 116, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 116, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 116,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.478, 327.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 116, 174) }
```

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

```
.background{ background-color: rgb(177,  
116, 174) }
```

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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