

Converting Colors

CIELCh(69, 39.973, 306.562)

Have a look what the booklet for
CIELCh(69, 39.973, 306.562)
contains.

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Color

CIELCh(69, 40.202, 306.634)

Conversions

Conversions Part 1

Format	Color
Hex	B79CE3
RGB	183, 156, 227
RGB Percent	72%, 61%, 89%
CMY	0.2827, 0.3886, 0.1102
CMYK	0.19, 0.31, 0.00, 0.11
HSL	263°, 56%, 75%
HSV	263°, 31%, 89%
XYZ	45.2325, 39.3444, 77.8149
YIQ	172.1670, -6.6990, 27.8050

Conversions

Conversions Part 2

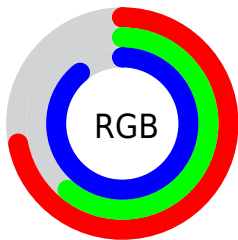
Format	Color
RYB	183, 156, 227
Decimal	12033251
CIELab	69.00, 23.99, -32.26
CIElCh	69, 40.202, 306.634
Yxy	39.3444, 0.2785, 0.2423
Android (android.graphics.Color)	4290223331 (0xFFB79CE3)
YUV	172.1670, 27.0327, 9.5005
Hunter-Lab	62.7251, 18.9515, -29.6458

Details

The CIELCh color `69, 40.202, 306.634` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `87, 38.002, 123.151`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 25.162, 315.154`, and `49, 39.705, 306.562` is the 20% darker color. If you saturate the color by 10%, you get `62, 53.775, 307.345`, and if you desaturate by 10%, it is `76, 26.932, 305.972`.

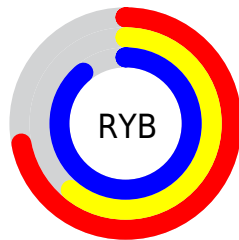
Distribution



Red (72%)

Green (61%)

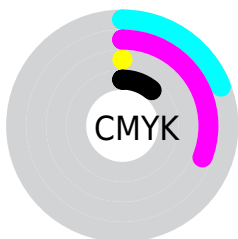
Blue (89%)



Red (72%)

Yellow (61%)

Blue (89%)

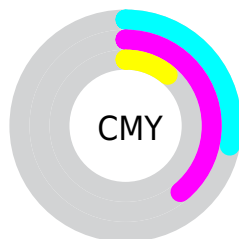


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (28%)


Magenta (39%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 40.202, 306.634 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 69, 40.202, 306.634 by changing the saturation by 10% instead.

 69, 40.202,
306.634

 69, 40.202,
306.634


 100, 40.202,
306.634


 59, 40.202,
306.634


 89, 40.202,
306.634

 49, 40.202,
306.634

 99, 40.202,
306.634

 39, 40.202,
306.634

 29, 40.202,
306.634

 19, 40.202,
306.634

 9, 40.202, 306.634

 0, 40.202, 306.634

69, 40.202,
306.634

69, 40.202,
306.634

62, 53.775,
307.345

76, 26.932,
305.972

56, 67.483,
308.082

83, 14.050,
305.372

50, 80.989,
308.792

89, 1.584, 304.791

44, 93.702,
309.394

96, 10.466,
124.384

39, 104.701,
309.760

99, 14.237,
111.705

35, 112.838,
309.736

99, 14.215,
109.103

33, 117.326,
309.386

Harmonies

Complementary

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



69, 40.202, 306.634



87, 38.002, 123.151

Rectangle

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



69, 40.202, 306.634



69, 40.202, 356.634



69, 40.202, 126.634



69, 40.202, 176.634

Sweetspot

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



69, 40.200, 306.634



93, 12.273, 305.246



79, 19.702, 243.895



49, 8.548, 305.328



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 40.200, 306.634



72, 54.200, 307.125



72, 43.916, 322.227



44, 6.985, 305.267



25, 96.816, 309.561



3, 32.694, 305.879

Inverse Universe

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



72, 35.061, 340.257



77, 46.677, 340.931



85, 43.539, 138.941



44, 6.241, 338.387



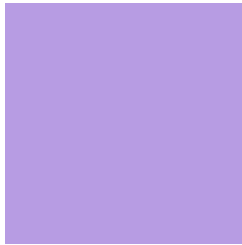
38, 66.815, 351.105



7, 27.997, 346.294

Previews

White Background



This preview shows how the CIELCh color 69, 40.202, 306.634 looks on a white background.

Color Contrast Check

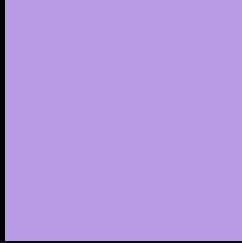
Large Text (above 18pt) WCAG AA × Fail

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 69, 40.202, 306.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

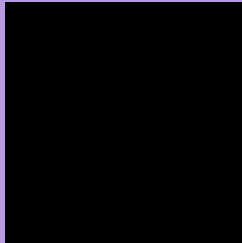
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.202, 306.634

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.202, 306.634.



This preview shows how white text looks on a background with the CIELCh color 69, 40.202, 306.634.

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

69, 40.202, 306.634

Protanopia

69, 38.067, 285.613

Deuteranopia

69, 32.502, 286.643



Tritanopia
69, 7.933, 315.768

Trichromacy



Original Color
69, 40.202, 306.634

Protanomaly
69, 38.492, 293.462

Deuteranomaly
69, 35.248, 295.182

Tritanomaly
69, 19.547, 307.842

Monochromacy



Original Color
69, 40.202, 306.634

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.779, 305.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.202, 306.634 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(183, 156, 227)` looks like.

```
.text, #text, p{  
    color:rgb(183, 156, 227)  
}
```

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(183, 156, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 156, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.202, 306.634 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(183, 156, 227) }
```

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

```
.border{ border-color:rgb(183, 156, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 156, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 156, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 156, 227);  
box-shadow:4px 4px 4px 4px rgb(183, 156,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.202, 306.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 156, 227) }
```

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

```
.background{ background-color: rgb(183,  
156, 227) }
```

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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