

Converting Colors

CIELCh(71, 36.865, 309.039)

Have a look what the booklet for
CIELCh(71, 36.865, 309.039)
contains.

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Color

CIELCh(71, 37.102, 309.187)

Conversions

Conversions Part 1

Format	Color
Hex	BFA1E2
RGB	191, 161, 226
RGB Percent	75%, 63%, 89%
CMY	0.2500, 0.3677, 0.1127
CMYK	0.15, 0.29, 0.00, 0.11
HSL	268°, 53%, 76%
HSV	268°, 29%, 89%
XYZ	48.0980, 42.1875, 77.7430
YIQ	177.3800, -2.9850, 26.5750

Conversions

Conversions Part 2

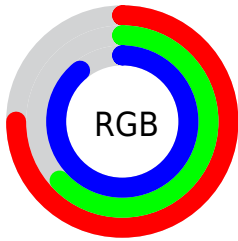
Format	Color
RYB	191, 161, 226
Decimal	12558818
CIELab	71.00, 23.44, -28.76
CIELCh	71, 37.102, 309.187
Yxy	42.1875, 0.2862, 0.2511
Android (android.graphics.Color)	4290748898 (0xFFBFA1E2)
YUV	177.3800, 23.9697, 11.9447
Hunter-Lab	64.9519, 18.5165, -25.4998

Details

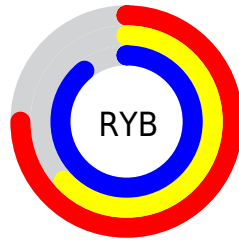
The CIELCh color $71, 37.102, 309.187$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 35.510, 126.341$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 23.195, 320.106$, and $51, 36.996, 309.482$ is the 20% darker color. If you saturate the color by 10%, you get $65, 50.598, 309.775$, and if you desaturate by 10%, it is $78, 23.857, 308.629$.

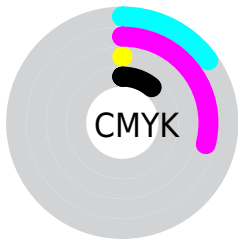
Distribution



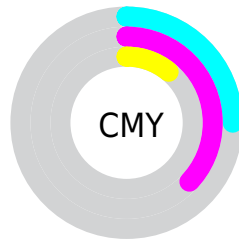
- Red (75%)
- Green (63%)
- Blue (89%)



- Red (75%)
- Yellow (63%)
- Blue (89%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)





- Cyan (25%)
- Magenta (37%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 37.102, 309.187 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 71, 37.102, 309.187 by changing the saturation by 10% instead.


 71, 37.102,
309.187


 71, 37.102,
309.187


 100, 37.102,
309.187


 61, 37.102,
309.187


 91, 37.102,
309.187

 51, 37.102,
309.187

 41, 37.102,
309.187

 31, 37.102,
309.187

 21, 37.102,
309.187

 11, 37.102,
309.187

 1, 37.102, 309.187

0, 37.102, 309.187

71, 37.102,
309.187

71, 37.102,
309.187

65, 50.598,
309.775

78, 23.857,
308.629

58, 64.171,
310.368

84, 10.960,
308.111

52, 77.497,
310.923

91, 1.552, 127.734

47, 90.038,
311.368

97, 13.669,
127.256

42, 100.989,
311.602

99, 14.592,
113.131

38, 109.359,
311.497

99, 14.544,
109.078

■ 35,114.543,
310.981

■ 35,115.113,
310.913

Harmonies

Complementary

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



71, 37.102, 309.187



86, 35.510, 126.341

Rectangle

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



71, 37.102, 309.187



71, 37.102, 359.187



71, 37.102, 129.187



71, 37.102, 179.187

Sweetspot

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



71, 37.100, 309.187



93, 12.451, 308.127



78, 19.173, 254.103



49, 8.670, 308.201



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 37.100, 309.187



75, 48.699, 309.507



74, 41.107, 324.568



44, 7.086, 308.147



26, 95.210, 311.098



4, 33.213, 308.860

Inverse Universe

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



73, 30.480, 344.182



79, 39.755, 344.771



85, 40.996, 141.247



44, 5.897, 342.357



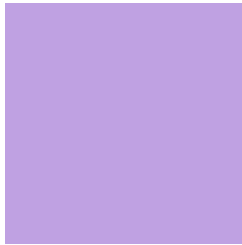
38, 64.729, 358.248



6, 26.858, 351.885

Previews

White Background



This preview shows how the CIELCh color 71, 37.102, 309.187 looks on a white background.

Color Contrast Check

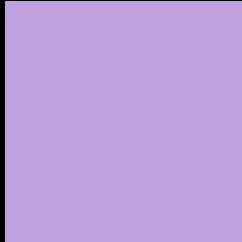
Large Text (above 18pt) WCAG AA × Fail

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 71, 37.102, 309.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

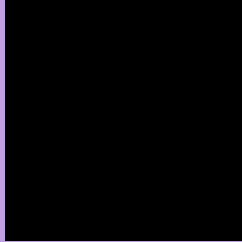
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 37.102, 309.187

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.102, 309.187.

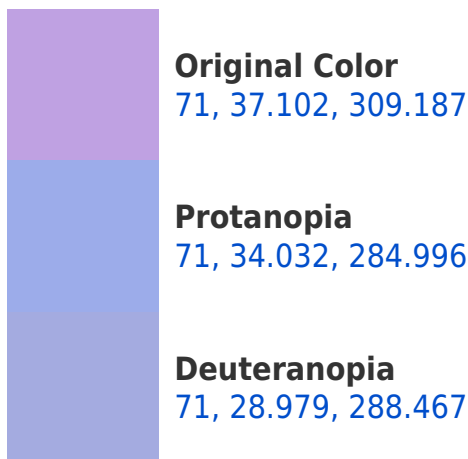



This preview shows how white text looks on a background with the CIELCh color 71, 37.102, 309.187.

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
71, 8.845, 326.820

Trichromacy



Original Color
71, 37.102, 309.187

Protanomaly
71, 34.463, 294.006

Deuteranomaly
71, 31.880, 297.355

Tritanomaly
71, 18.996, 313.982

Monochromacy



Original Color
71, 37.102, 309.187

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.735, 308.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.102, 309.187 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(191, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 226)  
}
```

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(191, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.102, 309.187 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(191, 161, 226) }
```

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

```
.border{ border-color:rgb(191, 161, 226) }
```

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

Here you see how a box with a 4 pixel rgb(191, 161, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.102, 309.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 226) }
```

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

```
.background{ background-color: rgb(191,  
161, 226) }
```

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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