

Converting Colors

CIELCh(69, 34.585, 309.295)

Have a look what the booklet for
CIELCh(69, 34.585, 309.295)
contains.

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Color

CIELCh(69, 34.485, 309.291)

Conversions

Conversions Part 1

Format	Color
Hex	B99DD9
RGB	185, 157, 217
RGB Percent	73%, 62%, 85%
CMY	0.2752, 0.3850, 0.1498
CMYK	0.15, 0.28, 0.00, 0.15
HSL	268°, 44%, 73%
HSV	268°, 28%, 85%
XYZ	44.4890, 39.3444, 70.7656
YIQ	172.2120, -2.5720, 24.5960

Conversions

Conversions Part 2

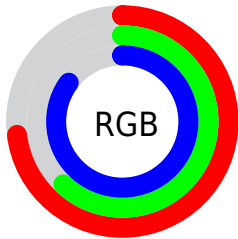
Format	Color
RYB	185, 157, 217
Decimal	12164569
CIELab	69.00, 21.84, -26.69
CIELCh	69, 34.485, 309.291
Yxy	39.3444, 0.2878, 0.2545
Android (android.graphics.Color)	4290354649 (0xFFB99DD9)
YUV	172.2120, 22.0805, 11.2151
Hunter-Lab	62.7251, 16.8357, -22.9826

Details

The CIELCh color $69, 34.485, 309.291$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 33.083, 126.582$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 24.807, 316.373$, and $49, 34.833, 309.339$ is the 20% darker color. If you saturate the color by 10%, you get $63, 47.502, 309.869$, and if you desaturate by 10%, it is $75, 21.718, 308.743$.

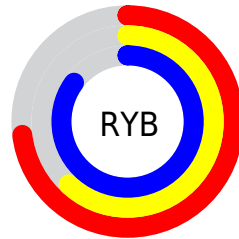
Distribution



Red (73%)

Green (62%)

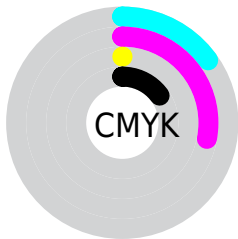
Blue (85%)



Red (73%)

Yellow (62%)

Blue (85%)

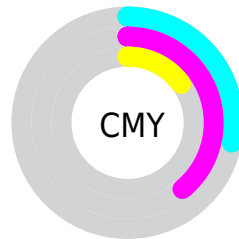


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (28%)


Magenta (39%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.485, 309.291 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, 34.485, 309.291 by changing the saturation by 10% instead.


 69, 34.485,
309.291


 69, 34.485,
309.291


 100, 34.485,
309.291


 59, 34.485,
309.291


 89, 34.485,
309.291

 49, 34.485,
309.291

 99, 34.485,
309.291

 39, 34.485,
309.291

 29, 34.485,
309.291

 19, 34.485,
309.291

 9, 34.485, 309.291

 0, 34.485, 309.291

69, 34.485,
309.291

69, 34.485,
309.291

63, 47.502,
309.869

75, 21.718,
308.743

57, 60.614,
310.455

82, 9.289, 308.234

88, 2.768, 127.834

51, 73.524,
311.007

94, 14.447,
127.397

45, 85.743,
311.459

98, 19.887,
121.857

41, 96.531,
311.714

99, 19.310,
109.591

37, 104.949,
311.650

99, 19.305,
108.717

34, 110.284,
311.171

34, 111.326,

Harmonies

Complementary

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



69, 34.485, 309.291



83, 33.083, 126.582

Rectangle

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



69, 34.485, 309.291



69, 34.485, 359.291



69, 34.485, 129.291



69, 34.485, 179.291

Sweetspot

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



69, 34.483, 309.291



94, 11.062, 308.254



75, 17.859, 253.889



49, 7.879, 308.329



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, 34.483, 309.291



76, 47.243, 309.614



72, 38.244, 324.511



43, 6.959, 308.322



26, 94.074, 311.217



3, 31.000, 308.078

Inverse Universe

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



71, 28.251, 344.338



79, 38.470, 344.938



82, 38.140, 141.337



43, 5.767, 342.616



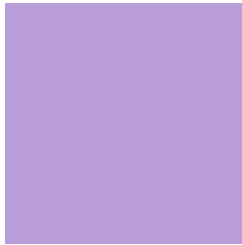
37, 63.953, 358.666



6, 25.436, 352.132

Previews

White Background



This preview shows how the CIELCh color 69, 34.485, 309.291 looks on a white background.

Color Contrast Check

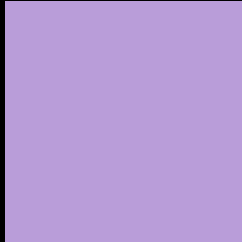
Large Text (above 18pt) WCAG AA × Fail

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, 34.485, 309.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

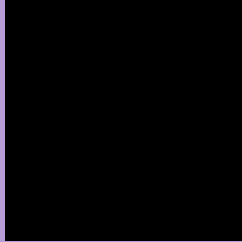
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 34.485, 309.291

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.485, 309.291.



This preview shows how white text looks on a background with the CIELCh color 69, 34.485, 309.291.

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
69, 8.901, 326.835

Trichromacy



Original Color
69, 34.485, 309.291

Protanomaly
69, 31.928, 294.476

Deuteranomaly
69, 29.872, 297.568

Tritanomaly
69, 17.972, 314.236

Monochromacy



Original Color
69, 34.485, 309.291

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 12.780, 309.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.485, 309.291 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(185, 157, 217)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 217)  
}
```

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(185, 157, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.485, 309.291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

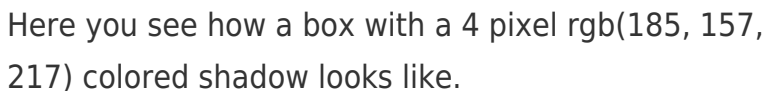
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 157, 217) }
```

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

```
.border{ border-color:rgb(185, 157, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 157, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 157, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 157, 217); box-shadow:4px 4px 4px 4px rgb(185, 157, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.485, 309.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 217) }
```

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

```
.background{ background-color: rgb(185,  
157, 217) }
```

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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