

Converting Colors

CIELCh(69, 35.479, 308.293)

Have a look what the booklet for
CIELCh(69, 35.479, 308.293)
contains.

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Color

CIELCh(69, 35.443, 308.286)

Conversions

Conversions Part 1

Format	Color
Hex	B89DDB
RGB	184, 157, 219
RGB Percent	72%, 62%, 86%
CMY	0.2790, 0.3849, 0.1418
CMYK	0.16, 0.28, 0.00, 0.14
HSL	266°, 46%, 74%
HSV	266°, 28%, 86%
XYZ	44.5310, 39.3444, 72.1605
YIQ	172.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

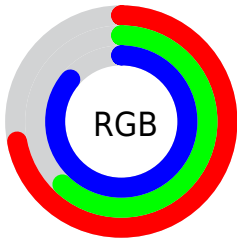
Format	Color
RYB	184, 157, 219
Decimal	12099035
CIELab	69.00, 21.96, -27.82
CIELCh	69, 35.443, 308.286
Yxy	39.3444, 0.2854, 0.2521
Android (android.graphics.Color)	4290289115 (0xFFB89DDB)
YUV	172.1410, 23.1015, 10.4003
Hunter-Lab	62.7251, 16.9552, -24.3011

Details

The CIELCh color $69, 35.443, 308.286$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 33.869, 125.400$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.669, 315.630$, and $49, 35.866, 308.328$ is the 20% darker color. If you saturate the color by 10%, you get $63, 48.561, 308.904$, and if you desaturate by 10%, it is $75, 22.600, 307.705$.

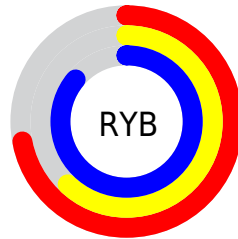
Distribution



Red (72%)

Green (62%)

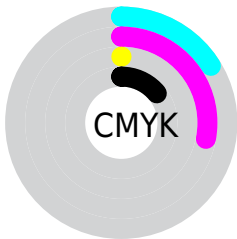
Blue (86%)



Red (72%)

Yellow (62%)

Blue (86%)

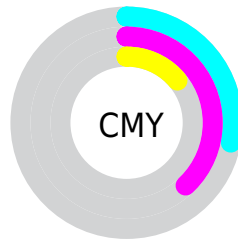


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (28%)


Magenta (38%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.443, 308.286 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, 35.443, 308.286 by changing the saturation by 10% instead.

 69, 35.443,
308.286


 69, 35.443,
308.286


 100, 35.443,
308.286

 59, 35.443,
308.286

 89, 35.443,
308.286

 49, 35.443,
308.286

 99, 35.443,
308.286

 39, 35.443,
308.286

 29, 35.443,
308.286

 19, 35.443,
308.286

 9, 35.443, 308.286

 0, 35.443, 308.286

69, 35.443,
308.286

69, 35.443,
308.286

63, 48.561,
308.904

75, 22.600,
307.705

56, 61.801,
309.537

82, 10.112,
307.171

50, 74.870,
310.143

88, 1.990, 126.759

45, 87.264,
310.652

95, 13.703,
126.295

40, 98.212,
310.960

98, 18.640,
119.384

36, 106.719,
310.934

99, 18.279,
108.795

33, 112.088,
310.487

33, 112.865,

Harmonies

Complementary

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



69, 35.443, 308.286



84, 33.869, 125.400

Rectangle

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



69, 35.443, 308.286



69, 35.443, 358.286



69, 35.443, 128.286



69, 35.443, 178.286

Sweetspot

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



69, 35.441, 308.286



94, 10.997, 307.158



76, 18.166, 251.977



49, 7.833, 307.237



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, 35.441, 308.286



75, 48.537, 308.651



72, 39.274, 324.060



43, 6.919, 307.229



25, 94.693, 310.581



3, 30.802, 306.898

Inverse Universe

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



71, 29.732, 342.748



79, 40.402, 343.359



82, 39.129, 140.871



43, 5.892, 341.030



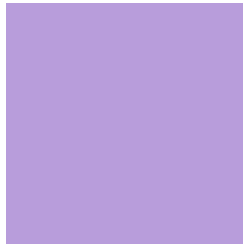
37, 64.577, 355.839



6, 25.832, 349.887

Previews

White Background



This preview shows how the CIELCh color 69, 35.443, 308.286 looks on a white background.

Color Contrast Check

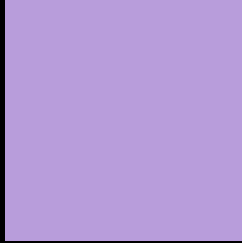
Large Text (above 18pt) WCAG AA × Fail

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, 35.443, 308.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

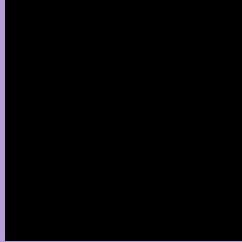
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 35.443, 308.286

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.443, 308.286.



This preview shows how white text looks on a background with the CIELCh color 69, 35.443, 308.286.

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, 35.443, 308.286

Protanopia

69, 33.101, 285.769

Deuteranopia

69, 28.046, 288.257



Tritanopia
69, 8.471, 322.692

Trichromacy



Original Color
69, 35.443, 308.286

Protanomaly
69, 33.011, 293.972

Deuteranomaly
69, 30.336, 296.264

Tritanomaly
69, 18.203, 311.438

Monochromacy



Original Color
69, 35.443, 308.286

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 13.194, 307.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.443, 308.286 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(184, 157, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 219)  
}
```

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(184, 157, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.443, 308.286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

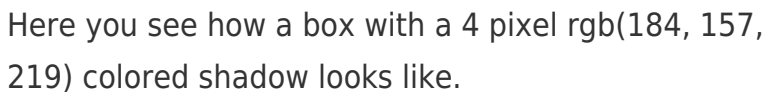
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 157, 219) }
```

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

```
.border{ border-color:rgb(184, 157, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 157, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.443, 308.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 219) }
```

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

```
.background{ background-color: rgb(184,  
157, 219) }
```

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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