

Converting Colors

CIELCh(69, 50.560, 305.890)

Have a look what the booklet for
CIELCh(69, 50.560, 305.890)
contains.

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Color

CIELCh(69, 50.560, 305.890)

Conversions

Conversions Part 1

Format	Color
Hex	B899F3
RGB	184, 153, 243
RGB Percent	72%, 60%, 95%
CMY	0.2792, 0.4007, 0.0479
CMYK	0.24, 0.37, 0.00, 0.05
HSL	261°, 79%, 78%
HSV	261°, 37%, 95%
XYZ	47.2255, 39.3444, 89.7349
YIQ	172.5290, -10.4140, 34.5620

Conversions

Conversions Part 2

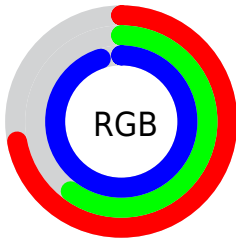
Format	Color
RYB	184, 153, 243
Decimal	12098035
CIELab	69.00, 29.64, -40.96
CIElCh	69, 50.560, 305.890
Yxy	39.3444, 0.2679, 0.2232
Android (android.graphics.Color)	4290288115 (0xFFB899F3)
YUV	172.5290, 34.7422, 10.0601
Hunter-Lab	62.7251, 24.6232, -40.9131

Details

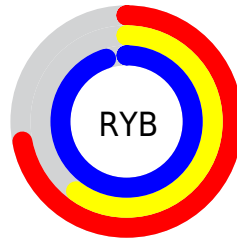
The CIELCh color **69, 50.560, 305.890** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **92, 47.011, 121.433**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.183, 316.584**, and **49, 50.046, 305.774** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.050, 306.695**, and if you desaturate by 10%, it is **76, 36.347, 305.136**.

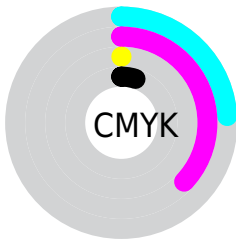
Distribution



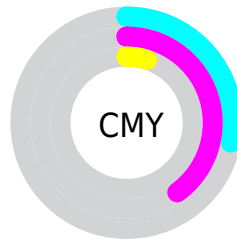
- Red (72%)
- Green (60%)
- Blue (95%)



- Red (72%)
- Yellow (60%)
- Blue (95%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (5%)





- Cyan (28%)
- Magenta (40%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 50.560, 305.890 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, 50.560, 305.890 by changing the saturation by 10% instead.

 69, 50.560,
305.890


 69, 50.560,
305.890


 100, 50.560,
305.890


 59, 50.560,
305.890


 89, 50.560,
305.890

 49, 50.560,
305.890

 99, 50.560,
305.890

 39, 50.560,
305.890

 29, 50.560,
305.890

 19, 50.560,
305.890

 9, 50.560, 305.890

 0, 50.560, 305.890

69, 50.560,
305.890

69, 50.560,
305.890

62, 65.050,
306.695

76, 36.347,
305.136

55, 79.562,
307.514

83, 22.535,
304.451

49, 93.600,
308.275

91, 9.171, 303.837

43, 106.317,
308.863

98, 3.736, 123.329

100, 6.178,
109.703

39, 116.498,
309.118

35, 122.946,
308.887

35, 124.389,
308.783

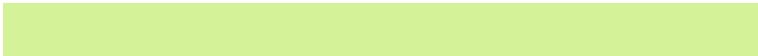
Harmonies

Complementary

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



69, 50.560, 305.890



92, 47.011, 121.433

Rectangle

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



69, 50.560, 305.890



69, 50.560, 355.890



69, 50.560, 125.890



69, 50.560, 175.890

Sweetspot

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



69, 50.558, 305.890



92, 14.966, 304.073



82, 23.924, 240.368



48, 10.079, 304.156



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, 50.558, 305.890



67, 63.065, 306.454



73, 54.465, 321.474



47, 7.461, 303.980



26, 101.703, 308.945



4, 41.001, 307.874

Inverse Universe

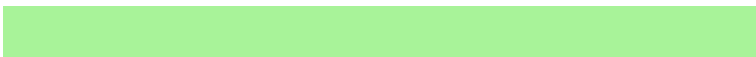
The Inverse Universe completely reimagines the original color for something new.



74, 44.815, 339.089



73, 54.959, 339.769



89, 53.773, 137.645



48, 6.877, 336.785



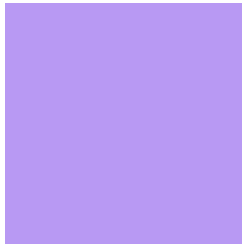
41, 70.943, 348.301



9, 32.418, 344.813

Previews

White Background



This preview shows how the CIELCh color 69, 50.560, 305.890 looks on a white background.

Color Contrast Check

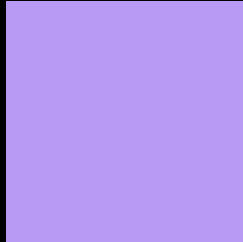
Large Text (above 18pt) WCAG AA × Fail

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, 50.560, 305.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

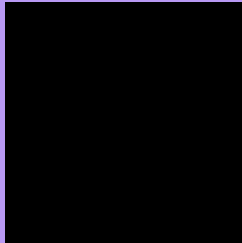
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 50.560, 305.890

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.560, 305.890.



This preview shows how white text looks on a background with the CIELCh color 69, 50.560, 305.890.

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, 50.560, 305.890

Protanopia
69, 47.995, 285.328

Deuteranopia
69, 40.418, 283.533



Tritanopia
69, 7.516, 308.031

Trichromacy



Original Color
69, 50.560, 305.890

Protanomaly
69, 48.319, 292.735

Deuteranomaly
69, 43.392, 292.381

Tritanomaly
69, 23.276, 305.400

Monochromacy



Original Color
69, 50.560, 305.890

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.608, 304.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.560, 305.890 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, 153, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 243)  
}
```

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, 153, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.560, 305.890 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, 153, 243) }
```

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

```
.border{ border-color:rgb(184, 153, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.560, 305.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 243) }
```

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

```
.background{ background-color: rgb(184,  
153, 243) }
```

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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