

Converting Colors

CIELCh(69, 55.867, 311.085)

Have a look what the booklet for
CIELCh(69, 55.867, 311.085)
contains.

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Color

CIELCh(69, 56.062, 311.091)

Conversions

Conversions Part 1

Format	Color
Hex	C493F5
RGB	196, 147, 245
RGB Percent	77%, 58%, 96%
CMY	0.2302, 0.4224, 0.0380
CMYK	0.20, 0.40, 0.00, 0.04
HSL	270°, 83%, 77%
HSV	270°, 40%, 96%
XYZ	49.8512, 39.3444, 91.6014
YIQ	172.8230, -2.2540, 40.8660

Conversions

Conversions Part 2

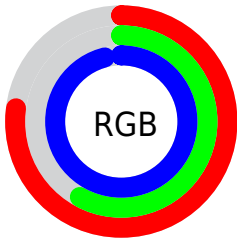
Format	Color
R _Y B	196, 147, 245
Decimal	12882933
CIE Lab	69.00, 36.85, -42.25
CIE LCh	69, 56.062, 311.091
Yxy	39.3444, 0.2757, 0.2176
Android (android.graphics.Color)	4291073013 (0xFFC493F5)
YUV	172.8230, 35.5833, 20.3262
Hunter-Lab	62.7251, 32.0951, -42.6773

Details

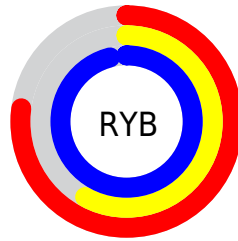
The CIELCh color `69, 56.062, 311.091` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `91, 52.894, 127.183`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 33.059, 325.053`, and `49, 56.133, 311.062` is the 20% darker color. If you saturate the color by 10%, you get `62, 70.486, 311.629`, and if you desaturate by 10%, it is `76, 41.614, 310.542`.

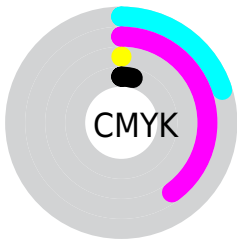
Distribution



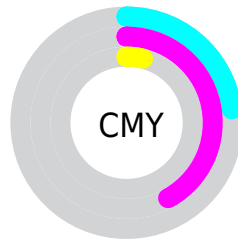
- Red (77%)
- Green (58%)
- Blue (96%)



- Red (77%)
- Yellow (58%)
- Blue (96%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)





- Cyan (23%)
- Magenta (42%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 56.062, 311.091 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, 56.062, 311.091 by changing the saturation by 10% instead.


 69, 56.062,
311.091


 69, 56.062,
311.091


 100, 56.062,
311.091


 59, 56.062,
311.091


 89, 56.062,
311.091

 49, 56.062,
311.091

 99, 56.062,
311.091

 39, 56.062,
311.091

 29, 56.062,
311.091

 19, 56.062,
311.091

 9, 56.062, 311.091

 0, 56.062, 311.091

69, 56.062,
311.091

69, 56.062,
311.091

62, 70.486,
311.629

76, 41.614,
310.542

56, 84.496,
312.109

83, 27.376,
310.011

51, 97.459,
312.456

90, 13.470,
309.511

46, 108.488,
312.569

97, 0.045, 132.165

42, 116.578,
312.329

100, 4.902,
109.796

39, 121.387,
311.702

39, 121.405,
311.699

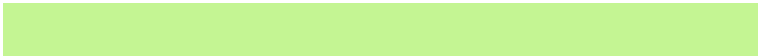
Harmonies

Complementary

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



69, 56.062, 311.091



91, 52.894, 127.183

Rectangle

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



69, 56.062, 311.091



69, 56.062, 1.091



69, 56.062, 131.091



69, 56.062, 181.091

Sweetspot

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



69, 56.060, 311.091



91, 16.799, 309.612



78, 29.540, 262.388



48, 11.163, 309.676



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, 56.060, 311.091



66, 69.840, 311.532



74, 61.276, 326.588



47, 7.669, 309.488



29, 98.508, 311.893



5, 41.489, 312.422

Inverse Universe

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



73, 44.187, 347.676



71, 54.365, 348.804



89, 61.405, 141.375



48, 6.172, 344.409



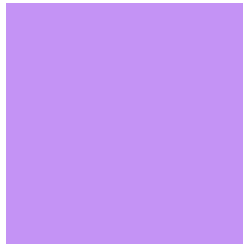
40, 66.896, 2.031



9, 30.256, 355.906

Previews

White Background



This preview shows how the CIELCh color 69, 56.062, 311.091 looks on a white background.

Color Contrast Check

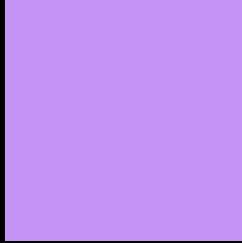
Large Text (above 18pt) WCAG AA × Fail

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, 56.062, 311.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

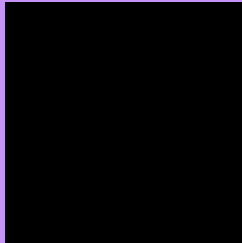
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 56.062, 311.091

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.062, 311.091.



This preview shows how white text looks on a background with the CIELCh color 69, 56.062, 311.091.

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, 10.984, 339.940

Trichromacy



Original Color
69, 56.062, 311.091



Protanomaly
69, 50.566, 295.023



Deuteranomaly
69, 45.648, 294.959



Tritanomaly
69, 26.701, 316.802

Monochromacy



Original Color
69, 56.062, 311.091



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 20.230, 309.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.062, 311.091 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(196, 147, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 245)  
}
```

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(196, 147, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.062, 311.091 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(196, 147, 245) }
```

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

```
.border{ border-color:rgb(196, 147, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 245);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.062, 311.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 245) }
```

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

```
.background{ background-color: rgb(196,  
147, 245) }
```

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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