

Converting Colors

CIELCh(69, 62.751, 311.841)

Have a look what the booklet for
CIELCh(69, 62.751, 311.841)
contains.

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Color

CIELCh(69, 62.778, 311.851)

Conversions

Conversions Part 1

Format	Color
Hex	C990FE
RGB	201, 144, 254
RGB Percent	79%, 56%, 100%
CMY	0.2132, 0.4366, 0.0054
CMYK	0.21, 0.43, 0.00, 0.01
HSL	271°, 98%, 78%
HSV	271°, 43%, 99%
XYZ	51.7432, 39.3444, 98.3240
YIQ	173.5830, -1.3380, 46.2940

Conversions

Conversions Part 2

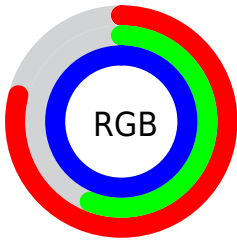
Format	Color
R _Y B	201, 144, 254
Decimal	13209854
CIE _{Lab}	69.00, 41.89, -46.76
CIE _{LCh}	69, 62.778, 311.851
Y _{xy}	39.3444, 0.2732, 0.2077
Android (android.graphics.Color)	4291399934 (0xFFC990FE)
YUV	173.5830, 39.6456, 24.0447
Hunter-Lab	62.7251, 37.4793, -49.0318

Details

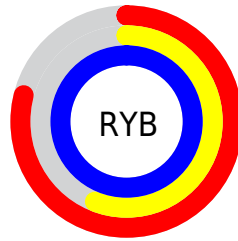
The CIELCh color **69, 62.778, 311.851** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94, 59.066, 127.662**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 35.124, 325.645**, and **49, 62.981, 311.906** is the 20% darker color. If you saturate the color by 10%, you get **62, 77.466, 312.352**, and if you desaturate by 10%, it is **76, 47.911, 311.321**.

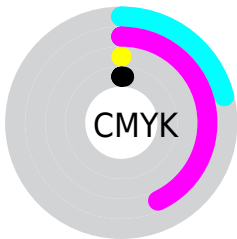
Distribution



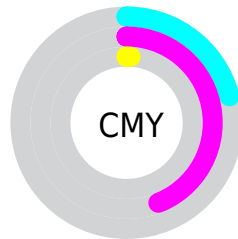
- Red (79%)
- Green (56%)
- Blue (100%)



- Red (79%)
- Yellow (56%)
- Blue (100%)



- Cyan (21%)
- Magenta (43%)
- Yellow (0%)
- Black (1%)





- Cyan (21%)
- Magenta (44%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.778, 311.851 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, 62.778, 311.851 by changing the saturation by 10% instead.


 69, 62.778,
311.851


 69, 62.778,
311.851


 100, 62.778,
311.851


 59, 62.778,
311.851


 89, 62.778,
311.851

 49, 62.778,
311.851

 99, 62.778,
311.851

 39, 62.778,
311.851

 29, 62.778,
311.851

 19, 62.778,
311.851

 9, 62.778, 311.851

 0, 62.778, 311.851

69, 62.778,
311.851

69, 62.778,
311.851

62, 77.466,
312.352

76, 47.911,
311.321

56, 91.488,
312.766

83, 33.170,
310.796

51, 104.096,
313.012

90, 18.718,
310.295

46, 114.320,
312.983

97, 4.643, 309.812

43, 121.212,
312.568

100, 0.682,
110.013

41, 124.044,
312.097

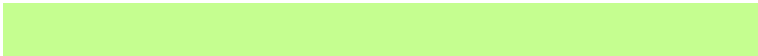
Harmonies

Complementary

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



69, 62.778, 311.851



94, 59.066, 127.662

Rectangle

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



69, 62.778, 311.851



69, 62.778, 1.851



69, 62.778, 131.851



69, 62.778, 181.851

Sweetspot

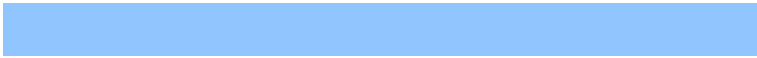
The Sweet Spot groups the original color and five complimentary colors.



69, 62.776, 311.851



91, 18.290, 310.278



78, 33.489, 265.082



47, 12.837, 310.386



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, 62.776, 311.851



64, 75.829, 312.288



75, 67.211, 327.234



49, 7.960, 310.110



30, 100.140, 312.290



6, 44.879, 313.377

Inverse Universe

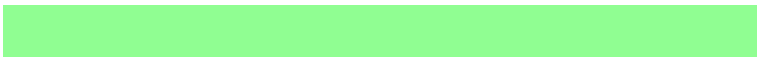
The Inverse Universe completely reimagines the original color for something new.



73, 48.672, 349.233



69, 57.993, 350.560



91, 67.430, 141.443



50, 6.306, 345.408



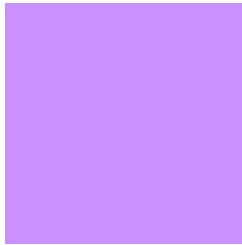
41, 68.092, 3.849



10, 31.709, 357.970

Previews

White Background



This preview shows how the CIELCh color 69, 62.778, 311.851 looks on a white background.

Color Contrast Check

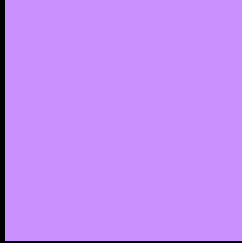
Large Text (above 18pt) WCAG AA × Fail

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, 62.778, 311.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

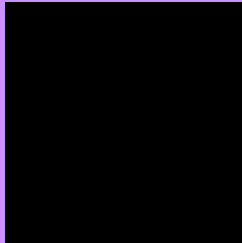
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 62.778, 311.851

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.778, 311.851.



This preview shows how white text looks on a background with the CIELCh color 69, 62.778, 311.851.

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, 62.778, 311.851

Protanopia
69, 49.088, 285.387

Deuteranopia
69, 45.498, 282.719



Tritanopia
69, 12.192, 344.797

Trichromacy



Original Color
69, 62.778, 311.851



Protanomaly
69, 53.322, 295.884



Deuteranomaly
69, 50.566, 294.697

Tritanomaly
69, 29.572, 318.956

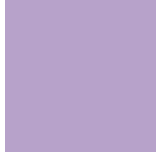
Monochromacy



Original Color
69, 62.778, 311.851



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 23.294, 310.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.778, 311.851 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(201, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 144, 254)  
}
```

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(201, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 144, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.778, 311.851 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(201, 144, 254) }
```

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

```
.border{ border-color:rgb(201, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 144,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.778, 311.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 144, 254) }
```

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

```
.background{ background-color: rgb(201,  
144, 254) }
```

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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