

Converting Colors

CIELCh(74, 107.409, 306.389)

Have a look what the booklet for
CIELCh(74, 107.409, 306.389)
contains.

CIELCh(69, 63.403, 312.285)	3
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Color

CIELCh(69, 63.403, 312.285)

Conversions

Conversions Part 1

Format	Color
Hex	CA8FFE
RGB	202, 143, 254
RGB Percent	79%, 56%, 100%
CMY	0.2081, 0.4392, 0.0043
CMYK	0.20, 0.44, 0.00, 0.00
HSL	272°, 98%, 78%
HSV	272°, 44%, 100%
XYZ	52.0379, 39.3444, 98.5436
YIQ	173.2950, -0.4670, 47.0290

Conversions

Conversions Part 2

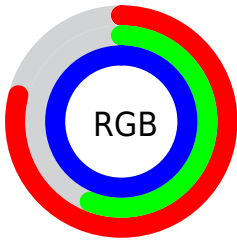
Format	Color
R _Y B	202, 143, 254
Decimal	13275134
CIE _{Lab}	69.00, 42.66, -46.91
CIE _{LCh}	69, 63.403, 312.285
Y _{xy}	39.3444, 0.2740, 0.2072
Android (android.graphics.Color)	4291465214 (0xFFCA8FFE)
Y _{UV}	173.2950, 39.7876, 25.1743
Hunter-Lab	62.7251, 38.3179, -49.2393

Details

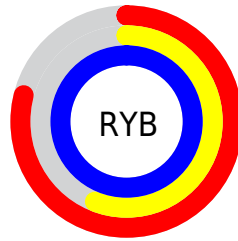
The CIELCh color $69, 63.403, 312.285$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 59.753, 128.109$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.751, 325.667$, and $49, 63.637, 312.358$ is the 20% darker color. If you saturate the color by 10%, you get $62, 78.062, 312.767$, and if you desaturate by 10%, it is $76, 48.527, 311.769$.

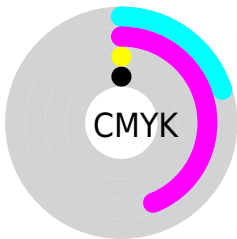
Distribution



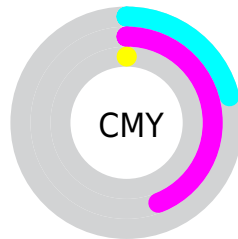
- Red (79%)
- Green (56%)
- Blue (100%)



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



- Cyan (20%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 63.403, 312.285 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, 63.403, 312.285 by changing the saturation by 10% instead.

 69, 63.403,
312.285


 69, 63.403,
312.285

 100, 63.403,
312.285


 59, 63.403,
312.285

 89, 63.403,
312.285

 49, 63.403,
312.285

 99, 63.403,
312.285

 39, 63.403,
312.285

 29, 63.403,
312.285

 19, 63.403,
312.285

 9, 63.403, 312.285

 0, 63.403, 312.285

69, 63.403,
312.285

69, 63.403,
312.285

62, 78.062,
312.767

76, 48.527,
311.769

56, 92.001,
313.157

83, 33.749,
311.254

51, 104.465,
313.375

90, 19.245,
310.760

47, 114.491,
313.315

97, 5.108, 310.283

43, 121.165,
312.870

100, 0.540,
109.994

42, 123.789,
312.413

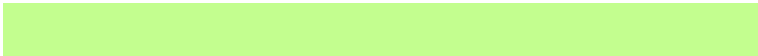
Harmonies

Complementary

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



69, 63.403, 312.285



94, 59.753, 128.109

Rectangle

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



69, 63.403, 312.285



69, 63.403, 2.285



69, 63.403, 132.285



69, 63.403, 182.285

Sweetspot

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



69, 63.401, 312.285



91, 18.339, 310.728



78, 33.760, 265.166



47, 12.871, 310.834



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, 63.401, 312.285



64, 75.899, 312.691



75, 67.732, 327.250



49, 7.983, 310.562



31, 99.855, 312.606



6, 44.858, 313.744

Inverse Universe

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



73, 48.730, 350.096



69, 57.629, 351.410



91, 67.962, 141.409



50, 6.252, 346.153



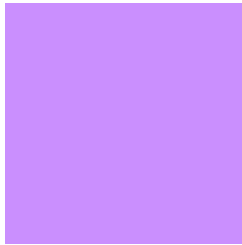
41, 68.025, 5.125



10, 31.609, 359.046

Previews

White Background



This preview shows how the CIELCh color 69, 63.403, 312.285 looks on a white background.

Color Contrast Check

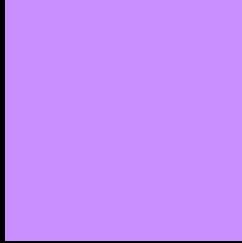
Large Text (above 18pt) WCAG AA × Fail

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, 63.403, 312.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

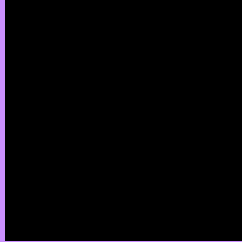
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 63.403, 312.285

Background



This preview shows how black text looks on a background with the CIELCh color 69, 63.403, 312.285.



This preview shows how white text looks on a background with the CIELCh color 69, 63.403, 312.285.

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, 12.504, 345.871

Trichromacy



Original Color
69, 63.455, 312.293



Protanomaly
69, 53.325, 296.192



Deuteranomaly
69, 51.162, 295.415

Tritanomaly
69, 30.382, 319.750

Monochromacy



Original Color
69, 63.455, 312.293



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 23.407, 311.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 63.403, 312.285 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(202, 143, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 143, 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(202, 143, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 143, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 63.403, 312.285 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(202, 143, 254) }
```

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

```
.border{ border-color:rgb(202, 143, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 143, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 143, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 143, 254); box-shadow:4px 4px 4px 4px rgb(202, 143, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 63.403, 312.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 143, 254) }
```

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

```
.background{ background-color: rgb(202,  
143, 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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