

Converting Colors

CIELCh(69, 66.277, 315.183)

Have a look what the booklet for
CIELCh(69, 66.277, 315.183)
contains.

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Color

CIELCh(69, 66.438, 315.070)

Conversions

Conversions Part 1

Format	Color
Hex	D28BFE
RGB	210, 139, 254
RGB Percent	82%, 55%, 100%
CMY	0.1763, 0.4547, 0.0037
CMYK	0.17, 0.45, 0.00, 0.00
HSL	277°, 98%, 77%
HSV	277°, 45%, 100%
XYZ	53.7265, 39.3444, 98.5670
YIQ	173.3390, 5.4010, 50.8170

Conversions

Conversions Part 2

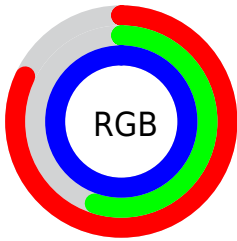
Format	Color
R _Y B	210, 139, 254
Decimal	13798398
CIE Lab	69.00, 47.04, -46.92
CIE LCh	69, 66.438, 315.070
Yxy	39.3444, 0.2804, 0.2053
Android (android.graphics.Color)	4291988478 (0xFFD28BFE)
YUV	173.3390, 39.7659, 32.1517
Hunter-Lab	62.7251, 43.1232, -49.2615

Details

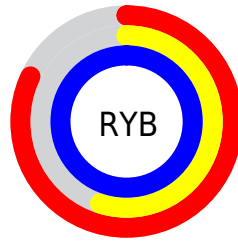
The CIELCh color `69, 66.438, 315.070` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `93, 63.390, 130.900`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 38.257, 325.753`, and `49, 66.342, 314.910` is the 20% darker color. If you saturate the color by 10%, you get `63, 80.805, 315.452`, and if you desaturate by 10%, it is `75, 51.603, 314.629`.

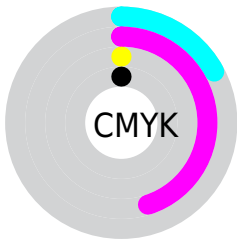
Distribution



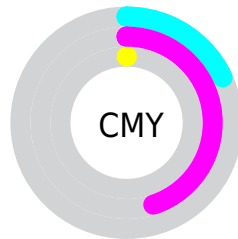
- Red (82%)
- Green (55%)
- Blue (100%)



- Red (82%)
- Yellow (55%)
- Blue (100%)



- Cyan (17%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 66.438, 315.070 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, 66.438, 315.070 by changing the saturation by 10% instead.


 69, 66.438,
315.070


 69, 66.438,
315.070


 100, 66.438,
315.070


 59, 66.438,
315.070


 89, 66.438,
315.070

 49, 66.438,
315.070

 99, 66.438,
315.070

 39, 66.438,
315.070

 29, 66.438,
315.070

 19, 66.438,
315.070

 9, 66.438, 315.070

 0, 66.438, 315.070

■ 69, 66.438,
315.070

■ 69, 66.438,
315.070

■ 63, 80.805,
315.452

■ 75, 51.603,
314.629

■ 57, 94.133,
315.718

■ 82, 36.691,
314.166

■ 52, 105.642,
315.795

■ 89, 21.938,
313.707

■ 48, 114.454,
315.594

■ 96, 7.481, 313.255

■ 46, 119.896,
315.038

100, 0.472,
109.979

■ 45, 121.550,
314.682

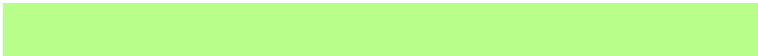
Harmonies

Complementary

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



69, 66.438, 315.070



93, 63.390, 130.900

Rectangle

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



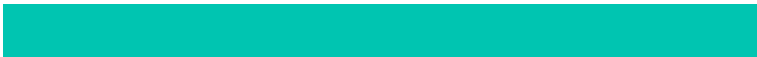
69, 66.438, 315.070



69, 66.438, 5.070



69, 66.438, 135.070



69, 66.438, 185.070

Sweetspot

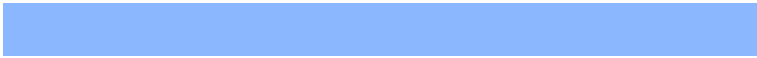
The Sweet Spot groups the original color and five complimentary colors.



69, 66.436, 315.070



90, 20.148, 313.650



74, 39.799, 275.197



47, 13.945, 313.747



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, 66.436, 315.070



64, 79.267, 315.409



73, 65.491, 330.497



49, 8.139, 313.447



33, 98.046, 314.866



7, 44.591, 316.159

Inverse Universe

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



72, 48.541, 355.988



67, 57.624, 357.644



91, 65.709, 143.984



50, 5.926, 351.326



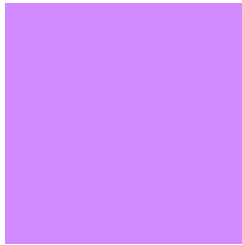
41, 68.576, 13.496



10, 31.283, 6.273

Previews

White Background



This preview shows how the CIELCh color 69, 66.438, 315.070 looks on a white background.

Color Contrast Check

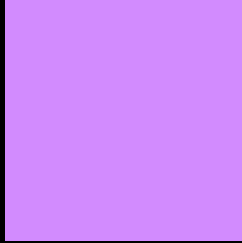
Large Text (above 18pt) WCAG AA × Fail

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, 66.438, 315.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

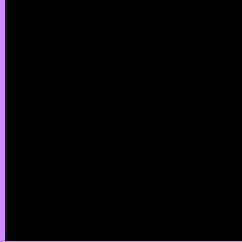
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 66.438, 315.070

Background



This preview shows how black text looks on a background with the CIELCh color 69, 66.438, 315.070.



This preview shows how white text looks on a background with the CIELCh color 69, 66.438, 315.070.

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, 16.373, 357.412

Trichromacy



Original Color
69, 66.438, 315.070



Protanomaly
69, 54.539, 297.510



Deuteranomaly
69, 51.234, 296.739

Tritanomaly
69, 32.979, 326.346

Monochromacy



Original Color
69, 66.438, 315.070



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 24.302, 313.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 66.438, 315.070 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(210, 139, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 139, 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(210, 139, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 139, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 66.438, 315.070 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(210, 139, 254) }
```

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

```
.border{ border-color:rgb(210, 139, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 139, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 139, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 139, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 139,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 66.438, 315.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 139, 254) }
```

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

```
.background{ background-color: rgb(210,  
139, 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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