

Converting Colors

CIELCh(69, 73.177, 320.007)

Have a look what the booklet for
CIELCh(69, 73.177, 320.007)
contains.

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Color

CIELCh(69, 73.018, 320.102)

Conversions

Conversions Part 1

Format	Color
Hex	E282FE
RGB	226, 130, 254
RGB Percent	89%, 51%, 100%
CMY	0.1133, 0.4898, 0.0035
CMYK	0.11, 0.49, 0.00, 0.00
HSL	286°, 99%, 75%
HSV	286°, 49%, 100%
XYZ	57.3051, 39.3444, 98.4357
YIQ	172.8400, 17.4120, 58.9160

Conversions

Conversions Part 2

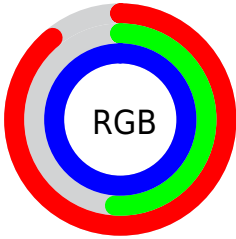
Format	Color
R _{YB}	226, 130, 254
Decimal	14844670
CIE Lab	69.00, 56.02, -46.84
CIE LCh	69, 73.018, 320.102
Yxy	39.3444, 0.2937, 0.2017
Android (android.graphics.Color)	4293034750 (0xFFE282FE)
YUV	172.8400, 40.0119, 46.6213
Hunter-Lab	62.7251, 53.3071, -49.1374

Details

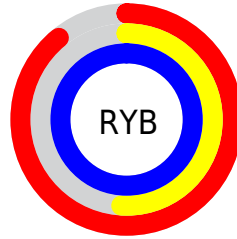
The CIELCh color **69, 73.018, 320.102** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 71.340, 135.274**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.869, 325.944**, and **49, 73.199, 319.994** is the 20% darker color. If you saturate the color by 10%, you get **64, 86.582, 320.389**, and if you desaturate by 10%, it is **75, 58.434, 319.728**.

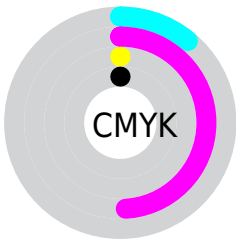
Distribution



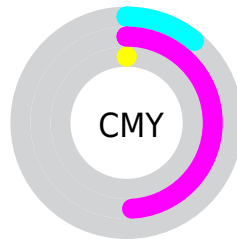
- Red (89%)
- Green (51%)
- Blue (100%)



- Red (89%)
- Yellow (51%)
- Blue (100%)



- Cyan (11%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 73.018, 320.102 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, 73.018, 320.102 by changing the saturation by 10% instead.

 69, 73.018,
320.102


 69, 73.018,
320.102


 100, 73.018,
320.102


 59, 73.018,
320.102


 89, 73.018,
320.102

 49, 73.018,
320.102

 99, 73.018,
320.102

 39, 73.018,
320.102

 29, 73.018,
320.102

 19, 73.018,
320.102

 9, 73.018, 320.102

 0, 73.018, 320.102

■ 69, 73.018,
320.102

■ 69, 73.018,
320.102

■ 64, 86.582,
320.389

■ 75, 58.434,
319.728

■ 59, 98.464,
320.543

■ 81, 43.357,
319.304

■ 55, 107.927,
320.512

■ 87, 28.153,
318.856

■ 53, 114.358,
320.245

■ 94, 13.067,
318.401

■ 51, 117.693,
319.728

■ 100, 0.443,
118.827

■ 51, 118.002,
319.659

■ 100, 0.437,
109.968

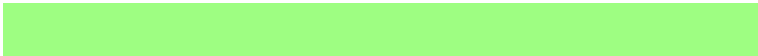
Harmonies

Complementary

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



69, 73.018, 320.102



92, 71.340, 135.274

Rectangle

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



69, 73.018, 320.102



69, 73.018, 10.102



69, 73.018, 140.102



69, 73.018, 190.102

Sweetspot

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



69, 73.016, 320.102



90, 22.463, 318.684



67, 52.670, 286.735



47, 15.351, 318.780



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, 73.016, 320.102



64, 87.084, 320.394



71, 63.408, 336.611



50, 8.473, 318.433



38, 95.236, 319.792



9, 43.633, 320.736

Inverse Universe

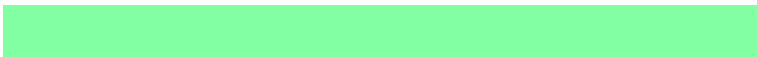
The Inverse Universe completely reimagines the original color for something new.



69, 50.347, 8.098



64, 61.060, 10.632



91, 63.151, 148.420



50, 5.481, 2.152



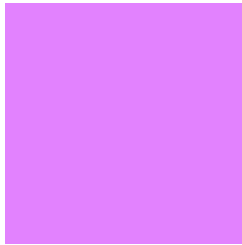
40, 73.711, 27.603



10, 31.834, 17.380

Previews

White Background



This preview shows how the CIELCh color 69, 73.018, 320.102 looks on a white background.

Color Contrast Check

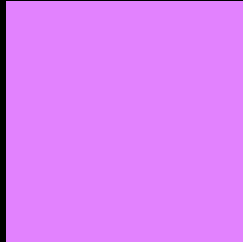
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 73.018, 320.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

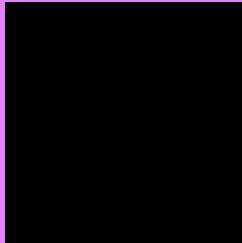
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 73.018, 320.102

Background



This preview shows how black text looks on a background with the CIELCh color 69, 73.018, 320.102.

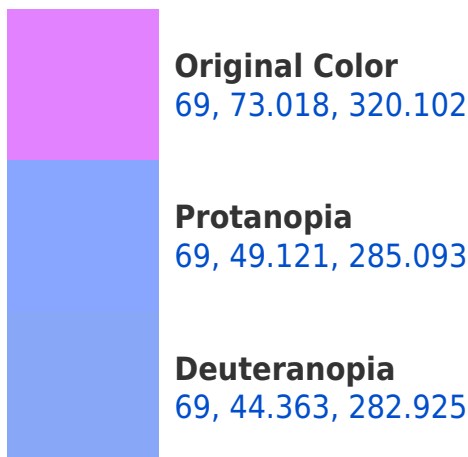


This preview shows how white text looks on a background with the CIELCh color 69, 73.018, 320.102.

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, 24.660, 7.885

Trichromacy



Original Color
69, 73.018, 320.102



Protanomaly
68, 56.440, 300.283



Deuteranomaly
68, 53.150, 300.056



Tritanomaly
69, 38.893, 336.663

Monochromacy



Original Color
69, 73.018, 320.102



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 27.775, 319.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 73.018, 320.102 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(226, 130, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 130, 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(226, 130, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 130, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 73.018, 320.102 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(226, 130, 254) }
```

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

```
.border{ border-color:rgb(226, 130, 254) }
```

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

Here you see how a box with a 4 pixel rgb(226, 130, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 130, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 130, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 130,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 73.018, 320.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 130, 254) }
```

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

```
.background{ background-color: rgb(226,  
130, 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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