

Converting Colors

CIELCh(71, 66.240, 318.430)

Have a look what the booklet for
CIELCh(71, 66.240, 318.430)
contains.

CIELCh(71, 66.240, 318.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 66.240, 318.430)

Conversions

Conversions Part 1

Format	Color
Hex	E08EFF
RGB	224, 142, 255
RGB Percent	88%, 56%, 100%
CMY	0.1233, 0.4448, 0.0018
CMYK	0.12, 0.44, 0.00, 0.00
HSL	284°, 99%, 78%
HSV	284°, 44%, 100%
XYZ	58.1885, 42.1875, 99.3016
YIQ	179.4000, 12.5990, 52.5270

Conversions

Conversions Part 2

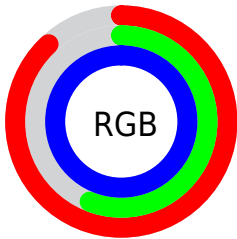
Format	Color
R_{YB}	224, 142, 255
Decimal	14716671
CIE _{Lab}	71.00, 49.56, -43.95
CIE _{LCh}	71, 66.240, 318.430
Yxy	42.1875, 0.2914, 0.2113
Android (android.graphics.Color)	4292906751 (0xFFE08EFF)
YUV	179.4000, 37.2708, 39.1142
Hunter-Lab	64.9519, 46.2470, -45.1791

Details

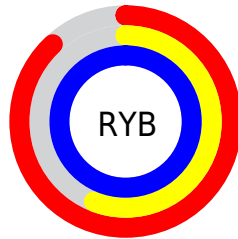
The CIELCh color **71, 66.240, 318.430** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 64.346, 134.213**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 36.378, 325.689**, and **51, 66.364, 318.451** is the 20% darker color. If you saturate the color by 10%, you get **65, 80.448, 318.766**, and if you desaturate by 10%, it is **77, 51.369, 318.027**.

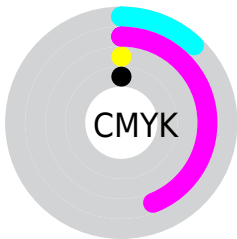
Distribution



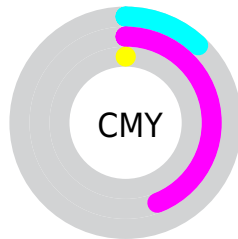
- Red (88%)
- Green (56%)
- Blue (100%)



- Red (88%)
- Yellow (56%)
- Blue (100%)



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 66.240, 318.430 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 71, 66.240, 318.430 by changing the saturation by 10% instead.


 71, 66.240,
318.430


 71, 66.240,
318.430


 100, 66.240,
318.430


 61, 66.240,
318.430


 91, 66.240,
318.430

 51, 66.240,
318.430

 41, 66.240,
318.430

 31, 66.240,
318.430

 21, 66.240,
318.430

 11, 66.240,
318.430

 1, 66.240, 318.430

■ 0, 66.240, 318.430

■ 71, 66.240,
318.430

■ 71, 66.240,
318.430

■ 65, 80.448,
318.766

■ 77, 51.369,
318.027

■ 60, 93.403,
318.987

■ 84, 36.267,
317.591

■ 56, 104.363,
319.037

■ 90, 21.219,
317.145

■ 52, 112.571,
318.851

■ 97, 6.398, 316.688

■ 50, 117.526,
318.379

100, 0.218,
109.807

■ 49, 119.149,
318.010

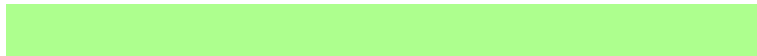
Harmonies

Complementary

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



71, 66.240, 318.430



93, 64.346, 134.213

Rectangle

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



71, 66.240, 318.430



71, 66.240, 8.430



71, 66.240, 138.430



71, 66.240, 188.430

Sweetspot

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



71, 66.238, 318.430



91, 19.188, 317.083



72, 44.623, 282.539



47, 13.455, 317.182



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 66.238, 318.430



66, 78.662, 318.725



74, 60.199, 334.149



50, 8.363, 316.927



36, 96.016, 318.164



9, 43.924, 319.259

Inverse Universe

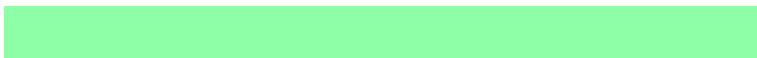
The Inverse Universe completely reimagines the original color for something new.



72, 46.090, 3.547



67, 55.166, 5.376



92, 60.079, 147.232



50, 5.597, 358.614



40, 71.622, 23.537



10, 31.575, 14.472

Previews

White Background



This preview shows how the CIELCh color 71, 66.240, 318.430 looks on a white background.

Color Contrast Check

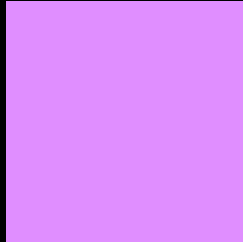
Large Text (above 18pt) WCAG AA × Fail

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 71, 66.240, 318.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

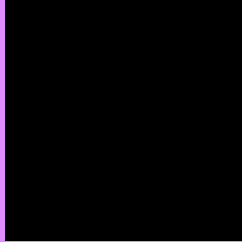
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 66.240, 318.430

Background



This preview shows how black text looks on a background with the CIELCh color 71, 66.240, 318.430.

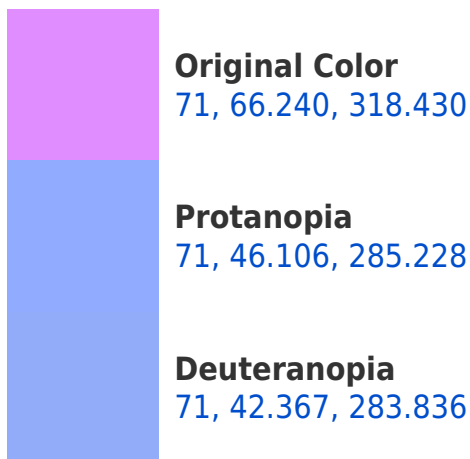


This preview shows how white text looks on a background with the CIELCh color 71, 66.240, 318.430.

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
71, 20.734, 3.157

Trichromacy



Original Color
71, 66.240, 318.430



Protanomaly
70, 52.270, 299.641



Deuteranomaly
70, 49.522, 299.369

Tritanomaly
71, 34.983, 333.235

Monochromacy



Original Color
71, 66.240, 318.430



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 24.889, 317.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 66.240, 318.430 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(224, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 142, 255)  
}
```

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(224, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 142, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 66.240, 318.430 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(224, 142, 255) }
```

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

```
.border{ border-color:rgb(224, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 142,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 66.240, 318.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 142, 255) }
```

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

```
.background{ background-color: rgb(224,  
142, 255) }
```

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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