

Converting Colors

CIELCh(76, 108.305, 307.445)

Have a look what the booklet for
CIELCh(76, 108.305, 307.445)
contains.

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Color

CIELCh(71, 62.436, 315.333)

Conversions

Conversions Part 1

Format	Color
Hex	D692FE
RGB	214, 146, 254
RGB Percent	84%, 57%, 100%
CMY	0.1595, 0.4260, 0.0027
CMYK	0.16, 0.42, 0.00, 0.00
HSL	278°, 99%, 79%
HSV	278°, 42%, 100%
XYZ	56.0956, 42.1875, 99.2081
YIQ	178.6440, 5.8600, 48.0040

Conversions

Conversions Part 2

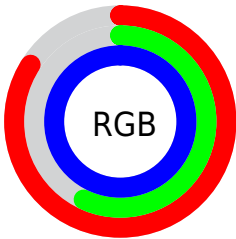
Format	Color
RYB	214, 146, 254
Decimal	14062334
CIELab	71.00, 44.40, -43.89
CIELCh	71, 62.436, 315.333
Yxy	42.1875, 0.2840, 0.2136
Android (android.graphics.Color)	4292252414 (0xFFD692FE)
YUV	178.6440, 37.1505, 31.0072
Hunter-Lab	64.9519, 40.4953, -45.0937

Details

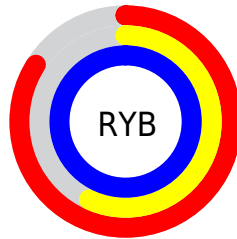
The CIELCh color **71, 62.436, 315.333** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93, 59.860, 131.425**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 33.868, 325.602**, and **51, 62.301, 315.141** is the 20% darker color. If you saturate the color by 10%, you get **65, 76.972, 315.728**, and if you desaturate by 10%, it is **78, 47.533, 314.889**.

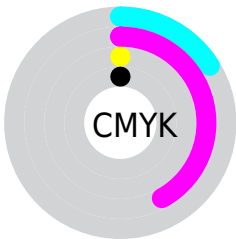
Distribution



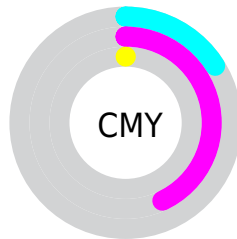
- Red (84%)
- Green (57%)
- Blue (100%)



- Red (84%)
- Yellow (57%)
- Blue (100%)



- Cyan (16%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 62.436, 315.333 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, 62.436, 315.333 by changing the saturation by 10% instead.


 71, 62.436,
315.333


 71, 62.436,
315.333


 100, 62.436,
315.333


 61, 62.436,
315.333


 91, 62.436,
315.333

 51, 62.436,
315.333

 41, 62.436,
315.333

 31, 62.436,
315.333

 21, 62.436,
315.333

 11, 62.436,
315.333

 1, 62.436, 315.333

0, 62.436, 315.333

71, 62.436,
315.333

71, 62.436,
315.333

65, 76.972,
315.728

78, 47.533,
314.889

59, 90.623,
316.023

84, 32.614,
314.430

54, 102.661,
316.152

91, 17.889,
313.977

50, 112.224,
316.030

98, 3.479, 313.507

47, 118.561,
315.578

100, 0.341,
109.926

45, 121.334,
315.029

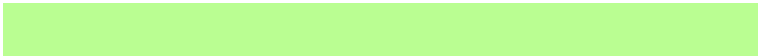
Harmonies

Complementary

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



71, 62.436, 315.333



93, 59.860, 131.425

Rectangle

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



71, 62.436, 315.333



71, 62.436, 5.333



71, 62.436, 135.333



71, 62.436, 185.333

Sweetspot

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



71, 62.434, 315.333



91, 18.740, 314.002



76, 37.300, 274.490



47, 13.146, 314.101



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, 62.434, 315.333



66, 75.077, 315.676



75, 61.748, 330.327



49, 8.162, 313.846



34, 97.802, 315.212



7, 44.533, 316.501

Inverse Universe

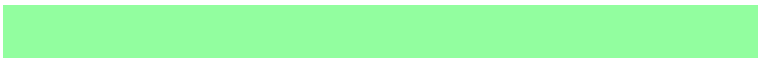
The Inverse Universe completely reimagines the original color for something new.



73, 45.365, 356.340



69, 54.400, 357.895



92, 61.870, 144.303



50, 5.885, 352.100



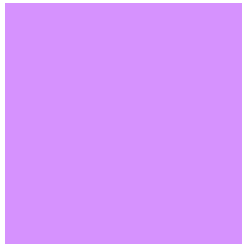
41, 68.791, 14.665



10, 31.285, 7.308

Previews

White Background



This preview shows how the CIELCh color 71, 62.436, 315.333 looks on a white background.

Color Contrast Check

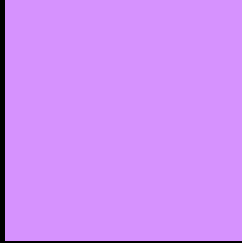
Large Text (above 18pt) WCAG AA × Fail

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, 62.436, 315.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

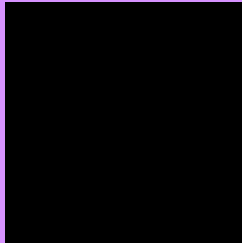
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 62.436, 315.333

Background



This preview shows how black text looks on a background with the CIELCh color 71, 62.436, 315.333.



This preview shows how white text looks on a background with the CIELCh color 71, 62.436, 315.333.

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

71, 62.484, 315.340

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 42.406, 283.472



Tritanopia
71, 15.911, 356.740

Trichromacy



Original Color
71, 62.484, 315.340



Protanomaly
71, 50.997, 297.625



Deuteranomaly
71, 48.248, 297.216

Tritanomaly
71, 30.473, 326.865

Monochromacy



Original Color
71, 62.484, 315.340



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 23.157, 314.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 62.436, 315.333 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(214, 146, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 146, 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(214, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 146, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 62.436, 315.333 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(214, 146, 254) }
```

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

```
.border{ border-color:rgb(214, 146, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 146, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 146, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 146, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 146,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 62.436, 315.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 146, 254) }
```

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

```
.background{ background-color: rgb(214,  
146, 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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