

Converting Colors

CIELCh(78, 106.076, 310.423)

Have a look what the booklet for
CIELCh(78, 106.076, 310.423)
contains.

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Color

CIELCh(74, 63.743, 321.056)

Conversions

Conversions Part 1

Format	Color
Hex	EC95FF
RGB	236, 149, 255
RGB Percent	93%, 58%, 100%
CMY	0.0736, 0.4152, 0.0000
CMYK	0.07, 0.42, 0.00, 0.00
HSL	289°, 100%, 79%
HSV	289°, 42%, 100%
XYZ	63.6775, 46.7039, 101.2904
YIQ	187.0970, 17.8260, 51.4100

Conversions

Conversions Part 2

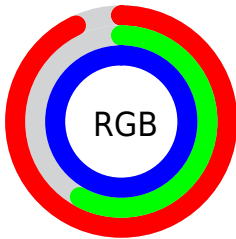
Format	Color
R _{YB}	236, 149, 255
Decimal	15504895
CIE _{Lab}	74.00, 49.58, -40.07
CIE _{LCh}	74, 63.743, 321.056
Yxy	46.7039, 0.3008, 0.2206
Android (android.graphics.Color)	4293694975 (0xFFEC95FF)
YUV	187.0970, 33.4762, 42.8879
Hunter-Lab	68.3403, 46.7256, -40.0383

Details

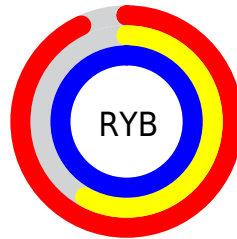
The CIELCh color **74, 63.743, 321.056** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 62.263, 137.038**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.354, 325.516**, and **54, 63.054, 321.088** is the 20% darker color. If you saturate the color by 10%, you get **68, 77.540, 321.691**, and if you desaturate by 10%, it is **80, 48.131, 320.911**.

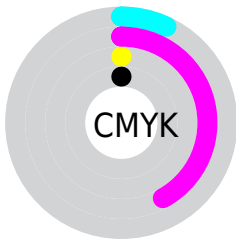
Distribution



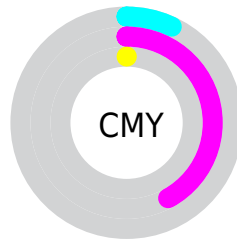
- Red (93%)
- Green (58%)
- Blue (100%)



- Red (93%)
- Yellow (58%)
- Blue (100%)



- Cyan (7%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 63.743, 321.056 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 74, 63.743, 321.056 by changing the saturation by 10% instead.


 74, 63.743,
321.056


 74, 63.743,
321.056


 100, 63.743,
321.056


 64, 63.743,
321.056


 94, 63.743,
321.056

 54, 63.743,
321.056

 44, 63.743,
321.056

 34, 63.743,
321.056

 24, 63.743,
321.056

 14, 63.743,
321.056

 4, 63.743, 321.056

■ 0, 63.743, 321.056

■ 74, 63.743,
321.056

■ 74, 63.743,
321.056

■ 68, 77.540,
321.691

■ 80, 48.131,
320.911

■ 64, 90.576,
321.956

■ 86, 32.774,
320.458

■ 59, 101.615,
322.084

■ 92, 17.425,
319.991

■ 56, 109.977,
322.032

■ 99, 2.281, 319.439

■ 54, 115.209,
321.764

100, 0.012,
296.813

■ 53, 117.451,
321.380

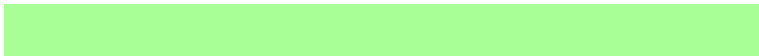
Harmonies

Complementary

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



74, 63.743, 321.056



93, 62.263, 137.038

Rectangle

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



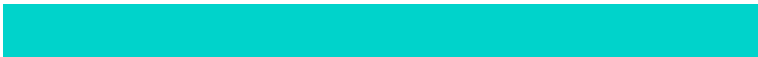
74, 63.743, 321.056



74, 63.743, 11.056



74, 63.743, 141.056



74, 63.743, 191.056

Sweetspot

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



74, 63.198, 321.331



92, 18.164, 320.014



71, 47.332, 287.872



48, 12.061, 320.076



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 63.198, 321.331



69, 75.434, 321.642



75, 52.973, 338.217



50, 8.588, 319.896



40, 94.560, 321.490



10, 43.381, 322.261

Inverse Universe

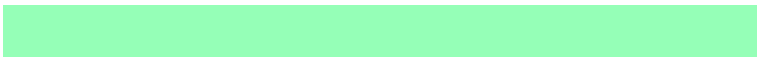
The Inverse Universe completely reimagines the original color for something new.



73, 42.458, 10.277



69, 51.697, 12.052



92, 52.296, 151.203



50, 5.389, 5.808



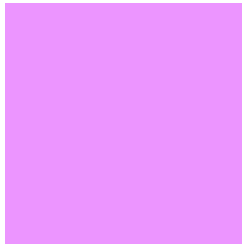
40, 76.076, 31.238



10, 32.118, 19.821

Previews

White Background



This preview shows how the CIELCh color 74, 63.743, 321.056 looks on a white background.

Color Contrast Check

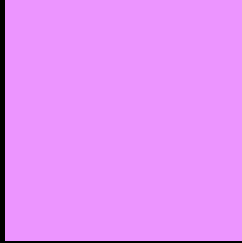
Large Text (above 18pt) WCAG AA × Fail

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 74, 63.743, 321.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

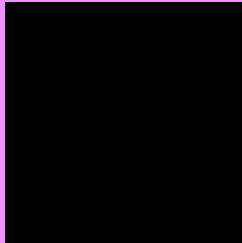
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 63.743, 321.056

Background



This preview shows how black text looks on a background with the CIELCh color 74, 63.743, 321.056.

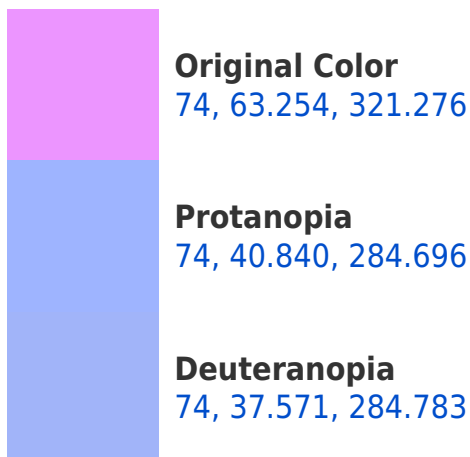


This preview shows how white text looks on a background with the CIELCh color 74, 63.743, 321.056.

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
74, 23.701, 4.552

Trichromacy



Original Color
74, 63.254, 321.276



Protanomaly
74, 47.106, 300.833



Deuteranomaly
74, 45.054, 301.834

Tritanomaly
74, 35.455, 337.301

Monochromacy



Original Color
74, 63.254, 321.276



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 24.064, 320.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 63.743, 321.056 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(236, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 149, 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(236, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 149, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 63.743, 321.056 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(236, 149, 255) }
```

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

```
.border{ border-color:rgb(236, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 149,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 63.743, 321.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 149, 255) }
```

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

```
.background{ background-color: rgb(236,  
149, 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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