

Converting Colors

CIELCh(75, 80.923, 315.083)

Have a look what the booklet for
CIELCh(75, 80.923, 315.083)
contains.

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Color

CIELCh(73, 64.342, 321.124)

Conversions

Conversions Part 1

Format	Color
Hex	EA92FE
RGB	234, 146, 254
RGB Percent	92%, 57%, 100%
CMY	0.0828, 0.4276, 0.0044
CMYK	0.08, 0.43, 0.00, 0.00
HSL	289°, 98%, 78%
HSV	289°, 43%, 100%
XYZ	62.0341, 45.1644, 99.1162
YIQ	184.6240, 17.7800, 52.2440

Conversions

Conversions Part 2

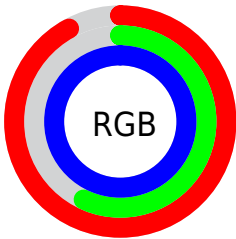
Format	Color
RYB	234, 146, 254
Decimal	15373054
CIELab	73.00, 50.09, -40.38
CIELCh	73, 64.342, 321.124
Yxy	45.1644, 0.3007, 0.2189
Android (android.graphics.Color)	4293563134 (0xFFEA92FE)
YUV	184.6240, 34.2024, 43.3028
Hunter-Lab	67.2044, 47.1595, -40.4005

Details

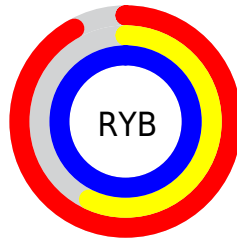
The CIELCh color **73, 64.342, 321.124** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 63.313, 136.761**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 33.240, 325.581**, and **53, 64.183, 320.946** is the 20% darker color. If you saturate the color by 10%, you get **68, 78.542, 321.475**, and if you desaturate by 10%, it is **79, 49.381, 320.710**.

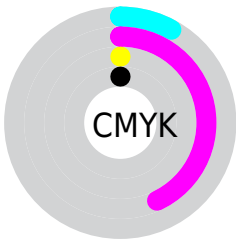
Distribution



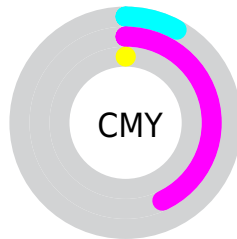
- Red (92%)
- Green (57%)
- Blue (100%)



- Red (92%)
- Yellow (57%)
- Blue (100%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 64.342, 321.124 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 73, 64.342, 321.124 by changing the saturation by 10% instead.


 73, 64.342,
321.124


 73, 64.342,
321.124


 100, 64.342,
321.124


 63, 64.342,
321.124


 93, 64.342,
321.124

 53, 64.342,
321.124

 43, 64.342,
321.124

 33, 64.342,
321.124

 23, 64.342,
321.124

 13, 64.342,
321.124

 3, 64.342, 321.124

■ 0, 64.342, 321.124

■ 73, 64.342,
321.124

■ 73, 64.342,
321.124

■ 68, 78.542,
321.475

■ 79, 49.381,
320.710

■ 63, 91.399,
321.726

■ 85, 34.110,
320.262

■ 59, 102.215,
321.834

■ 91, 18.832,
319.799

■ 56, 110.312,
321.754

■ 98, 3.748, 319.292

■ 53, 115.266,
321.451

100, 0.554,
109.997

■ 52, 117.193,
321.092

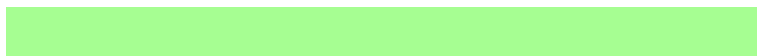
Harmonies

Complementary

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



73, 64.342, 321.124



92, 63.313, 136.761

Rectangle

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



73, 64.342, 321.124



73, 64.342, 11.124



73, 64.342, 141.124



73, 64.342, 191.124

Sweetspot

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



73, 64.340, 321.124



91, 19.650, 319.822



70, 47.373, 287.179



47, 13.773, 319.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 64.340, 321.124



69, 76.741, 321.428



74, 54.576, 337.545



50, 8.569, 319.657



39, 94.664, 321.205



10, 43.420, 322.006

Inverse Universe

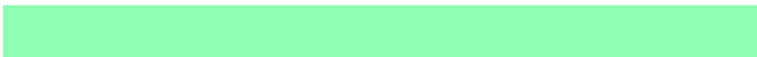
The Inverse Universe completely reimagines the original color for something new.



72, 43.407, 9.860



68, 52.767, 11.677



92, 53.999, 150.442



50, 5.402, 5.197



40, 75.674, 30.671



10, 32.071, 19.448

Previews

White Background



This preview shows how the CIELCh color 73, 64.342, 321.124 looks on a white background.

Color Contrast Check

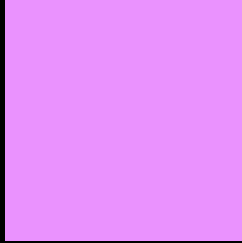
Large Text (above 18pt) WCAG AA × Fail

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 73, 64.342, 321.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

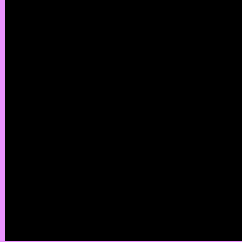
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 64.342, 321.124

Background



This preview shows how black text looks on a background with the CIELCh color 73, 64.342, 321.124.

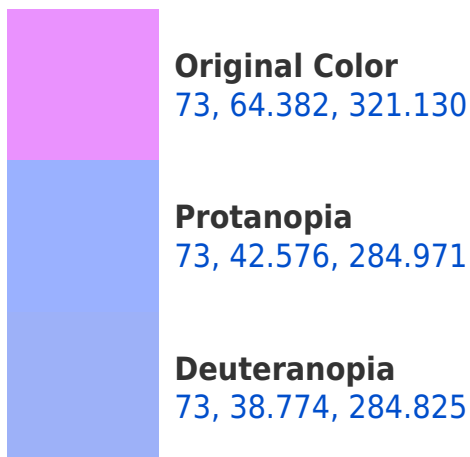


This preview shows how white text looks on a background with the CIELCh color 73, 64.342, 321.124.

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
73, 24.154, 4.918

Trichromacy



Original Color
73, 64.382, 321.130



Protanomaly
73, 48.840, 300.746



Deuteranomaly
73, 46.249, 301.745

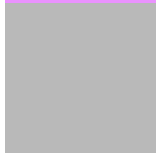


Tritanomaly
73, 35.787, 337.794

Monochromacy



Original Color
73, 64.382, 321.130



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 24.109, 320.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 64.342, 321.124 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(234, 146, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 146, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 64.342, 321.124 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(234, 146, 254) }
```

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

```
.border{ border-color:rgb(234, 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(234, 146, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 146, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 146, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 146,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 64.342, 321.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 146, 254) }
```

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

```
.background{ background-color: rgb(234,  
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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