

Converting Colors

CIELCh(74, 64.535, 322.899)

Have a look what the booklet for
CIELCh(74, 64.535, 322.899)
contains.

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Color

CIELCh(74, 64.582, 323.064)

Conversions

Conversions Part 1

Format	Color
Hex	F193FE
RGB	241, 147, 254
RGB Percent	95%, 58%, 100%
CMY	0.0550, 0.4236, 0.0041
CMYK	0.05, 0.42, 0.00, 0.00
HSL	293°, 98%, 79%
HSV	293°, 42%, 100%
XYZ	64.5742, 46.7039, 99.3457
YIQ	187.3040, 21.6770, 53.2050

Conversions

Conversions Part 2

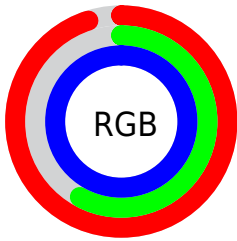
Format	Color
R _Y B	241, 147, 254
Decimal	15832062
CIE _{Lab}	74.00, 51.62, -38.81
CIE _{LCh}	74, 64.582, 323.064
Yxy	46.7039, 0.3066, 0.2217
Android (android.graphics.Color)	4294022142 (0xFFFF193FE)
YUV	187.3040, 32.8811, 47.0914
Hunter-Lab	68.3403, 49.0677, -38.3512

Details

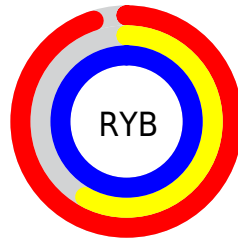
The CIELCh color $74, 64.582, 323.064$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $92, 64.027, 138.397$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $54, 64.777, 323.030$ is the 20% darker color. If you saturate the color by 10%, you get $69, 78.742, 323.439$, and if you desaturate by 10%, it is $80, 49.544, 322.629$.

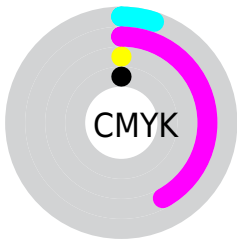
Distribution



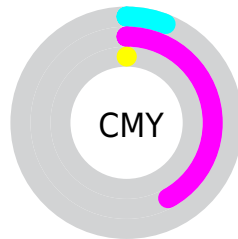
- Red (95%)
- Green (58%)
- Blue (100%)



- Red (95%)
- Yellow (58%)
- Blue (100%)



- Cyan (5%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 64.582, 323.064 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, 64.582, 323.064 by changing the saturation by 10% instead.

 74, 64.582,
323.064

 74, 64.582,
323.064

 100, 64.582,
323.064

 64, 64.582,
323.064


 94, 64.582,
323.064

 54, 64.582,
323.064

 44, 64.582,
323.064

 34, 64.582,
323.064

 24, 64.582,
323.064

 14, 64.582,
323.064

 4, 64.582, 323.064

■ 0, 64.582, 323.064

■ 74, 64.582,
323.064

■ 74, 64.582,
323.064

■ 69, 78.742,
323.439

■ 80, 49.544,
322.629

■ 64, 91.432,
323.723

■ 86, 34.103,
322.159

■ 61, 101.975,
323.882

■ 92, 18.595,
321.671

■ 58, 109.760,
323.885

■ 98, 3.244, 321.122

■ 56, 114.448,
323.710

100, 0.514,
109.989

■ 55, 116.269,
323.460

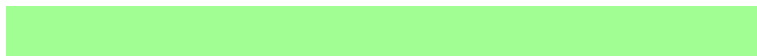
Harmonies

Complementary

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



74, 64.582, 323.064



92, 64.027, 138.397

Rectangle

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



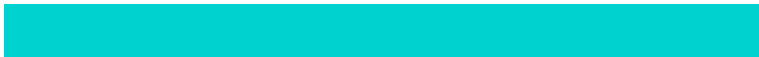
74, 64.582, 323.064



74, 64.582, 13.064



74, 64.582, 143.064



74, 64.582, 193.064

Sweetspot

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



74, 64.579, 323.064



92, 20.008, 321.715



69, 50.956, 290.514



48, 14.020, 321.823



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, 64.579, 323.064



70, 77.458, 323.401



74, 51.830, 340.674



50, 8.729, 321.541



41, 93.917, 323.538



11, 43.141, 324.086

Inverse Universe

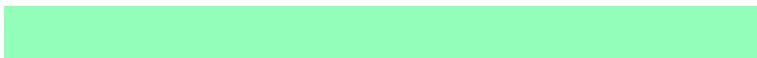
The Inverse Universe completely reimagines the original color for something new.



73, 42.981, 14.646



68, 53.041, 16.538



92, 50.801, 153.155



50, 5.311, 10.172



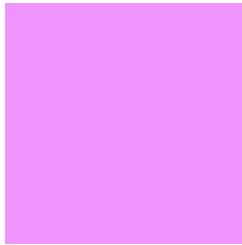
40, 78.926, 34.799



10, 32.458, 22.219

Previews

White Background



This preview shows how the CIELCh color 74, 64.582, 323.064 looks on a white background.

Color Contrast Check

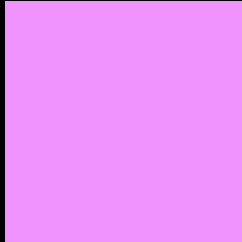
Large Text (above 18pt) WCAG AA × Fail

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, 64.582, 323.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

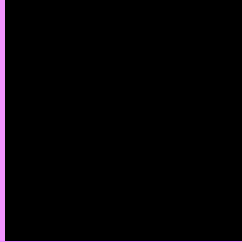
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 64.582, 323.064

Background



This preview shows how black text looks on a background with the CIELCh color 74, 64.582, 323.064.

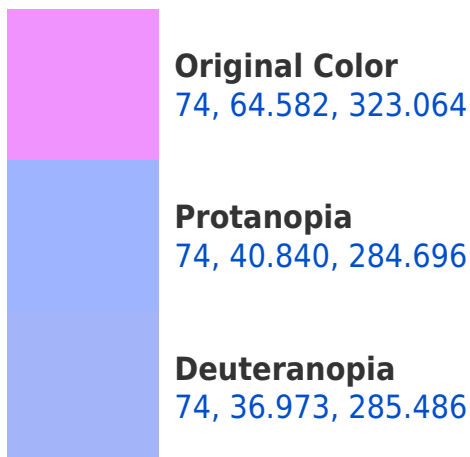


This preview shows how white text looks on a background with the CIELCh color 74, 64.582, 323.064.

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, 26.396, 6.654

Trichromacy



Original Color
74, 64.582, 323.064



Protanomaly
73, 47.781, 301.922



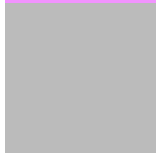
Deuteranomaly
74, 45.265, 303.454

Tritanomaly
74, 37.277, 340.439

Monochromacy



Original Color
74, 64.582, 323.064



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 24.599, 322.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 64.582, 323.064 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(241, 147, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 147, 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(241, 147, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 147, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 64.582, 323.064 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(241, 147, 254) }
```

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

```
.border{ border-color:rgb(241, 147, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 147, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 147, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 147, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 147,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 64.582, 323.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 147, 254) }
```

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

```
.background{ background-color: rgb(241,  
147, 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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