

Converting Colors

CIELCh(78, 51.807, 321.351)

Have a look what the booklet for
CIELCh(78, 51.807, 321.351)
contains.

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Color

CIELCh(78, 51.740, 321.464)

Conversions

Conversions Part 1

Format	Color
Hex	EFA7FD
RGB	239, 167, 253
RGB Percent	94%, 65%, 99%
CMY	0.0618, 0.3442, 0.0070
CMYK	0.06, 0.34, 0.00, 0.01
HSL	290°, 96%, 82%
HSV	290°, 34%, 99%
XYZ	67.2967, 53.2120, 99.8414
YIQ	198.3320, 15.3060, 42.0100

Conversions

Conversions Part 2

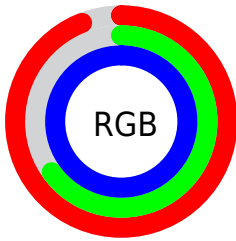
Format	Color
R _Y B	239, 167, 253
Decimal	15706109
CIE Lab	78.00, 40.47, -32.23
CIE LCh	78, 51.740, 321.464
Yxy	53.2120, 0.3054, 0.2415
Android (android.graphics.Color)	4293896189 (0xFFEFA7FD)
YUV	198.3320, 26.9513, 35.6658
Hunter-Lab	72.9466, 37.0182, -30.0872

Details

The CIELCh color **78, 51.740, 321.464** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 51.135, 137.961**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.022, 325.121**, and **58, 51.513, 321.523** is the 20% darker color. If you saturate the color by 10%, you get **72, 66.596, 321.876**, and if you desaturate by 10%, it is **84, 36.473, 321.013**.

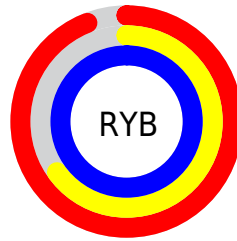
Distribution



Red (94%)

Green (65%)

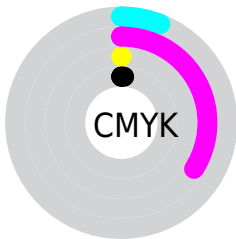
Blue (99%)



Red (94%)

Yellow (65%)

Blue (99%)

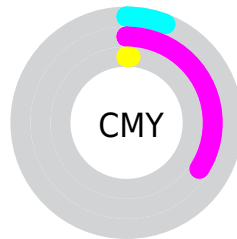


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (6%)


Magenta (34%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 51.740, 321.464 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 78, 51.740, 321.464 by changing the saturation by 10% instead.

 78, 51.740,
321.464

 78, 51.740,
321.464


 100, 51.740,
321.464

 68, 51.740,
321.464


 98, 51.740,
321.464

 58, 51.740,
321.464

 48, 51.740,
321.464

 38, 51.740,
321.464

 28, 51.740,
321.464

 18, 51.740,
321.464

 8, 51.740, 321.464

■ 0, 51.740, 321.464

■ 78, 51.740,
321.464

■ 78, 51.740,
321.464

■ 72, 66.596,
321.876

■ 84, 36.473,
321.013

■ 67, 80.573,
322.221

■ 90, 21.137,
320.545

■ 62, 93.059,
322.462

■ 97, 5.955, 320.051

■ 59, 103.359,
322.560

■ 100, 0.888,
110.024

■ 56, 110.846,
322.475

■ 54, 115.194,
322.180

■ 53,116.597,
321.918

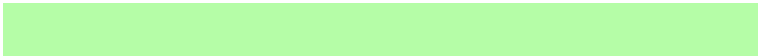
Harmonies

Complementary

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



78, 51.740, 321.464



93, 51.135, 137.961

Rectangle

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



78, 51.740, 321.464



78, 51.740, 11.464



78, 51.740, 141.464



78, 51.740, 191.464

Sweetspot

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



78, 51.737, 321.464



93, 15.176, 320.356



75, 38.786, 287.245



49, 10.365, 320.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 51.737, 321.464



74, 62.610, 321.760



78, 42.886, 338.300



50, 8.624, 320.332



40, 94.377, 322.019



10, 43.313, 322.734

Inverse Universe

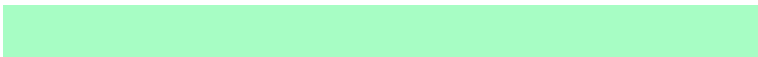
The Inverse Universe completely reimagines the original color for something new.



77, 34.000, 10.071



74, 41.863, 11.294



93, 42.262, 152.730



50, 5.365, 6.939



40, 76.824, 32.243



10, 32.205, 20.476

Previews

White Background



This preview shows how the CIELCh color 78, 51.740, 321.464 looks on a white background.

Color Contrast Check

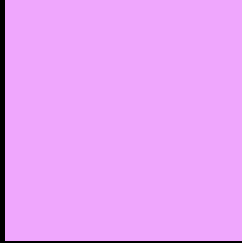
Large Text (above 18pt) WCAG AA × Fail

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 78, 51.740, 321.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

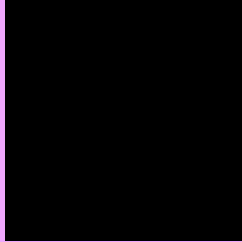
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 51.740, 321.464

Background



This preview shows how black text looks on a background with the CIELCh color 78, 51.740, 321.464.

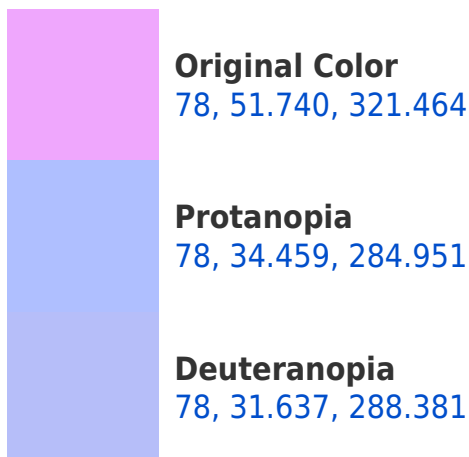


This preview shows how white text looks on a background with the CIELCh color 78, 51.740, 321.464.

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
78, 20.965, 0.488

Trichromacy



Original Color
78, 51.740, 321.464



Protanomaly
78, 39.129, 301.100



Deuteranomaly
78, 37.798, 303.811



Tritanomaly
78, 30.131, 337.041

Monochromacy



Original Color
78, 51.740, 321.464



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.702, 320.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 51.740, 321.464 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(239, 167, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 167, 253)  
}
```

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(239, 167, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 167, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 51.740, 321.464 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(239, 167, 253) }
```

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

```
.border{ border-color:rgb(239, 167, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 167, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 167, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 167, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 167,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 51.740, 321.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 167, 253) }
```

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

```
.background{ background-color: rgb(239,  
167, 253) }
```

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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