

Converting Colors

CIELCh(76, 54.440, 319.902)

Have a look what the booklet for
CIELCh(76, 54.440, 319.902)
contains.

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Color

CIELCh(76, 54.690, 319.887)

Conversions

Conversions Part 1

Format	Color
Hex	E9A1FD
RGB	233, 161, 253
RGB Percent	91%, 63%, 99%
CMY	0.0864, 0.3687, 0.0080
CMYK	0.08, 0.36, 0.00, 0.01
HSL	287°, 96%, 81%
HSV	287°, 36%, 99%
XYZ	64.0579, 49.8872, 99.1554
YIQ	193.0160, 13.3800, 43.8760

Conversions

Conversions Part 2

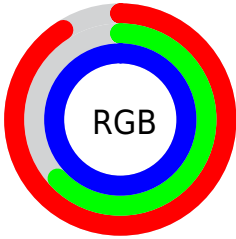
Format	Color
R _Y B	233, 161, 253
Decimal	15311357
CIE Lab	76.00, 41.83, -35.24
CIE LCh	76, 54.690, 319.887
Yxy	49.8872, 0.3006, 0.2341
Android (android.graphics.Color)	4293501437 (0xFFE9A1FD)
YUV	193.0160, 29.5721, 35.0660
Hunter-Lab	70.6309, 38.2844, -33.7928

Details

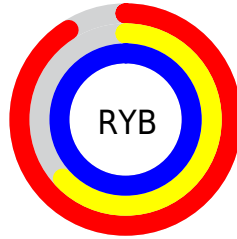
The CIELCh color $76, 54.690, 319.887$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $93, 53.716, 136.315$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $56, 54.616, 319.892$ is the 20% darker color. If you saturate the color by 10%, you get $70, 69.377, 320.277$, and if you desaturate by 10%, it is $82, 39.593, 319.454$.

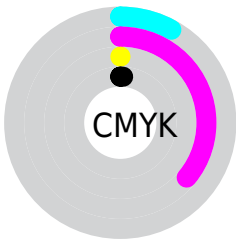
Distribution



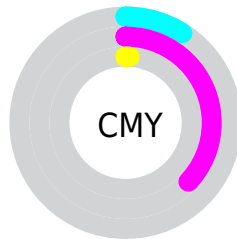
- Red (91%)
- Green (63%)
- Blue (99%)



- Red (91%)
- Yellow (63%)
- Blue (99%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (1%)




- Cyan (9%)
- Magenta (37%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 54.690, 319.887 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 76, 54.690, 319.887 by changing the saturation by 10% instead.

 76, 54.690,
319.887

 76, 54.690,
319.887


 100, 54.690,
319.887


 66, 54.690,
319.887


 96, 54.690,
319.887

 56, 54.690,
319.887

 46, 54.690,
319.887

 36, 54.690,
319.887

 26, 54.690,
319.887

 16, 54.690,
319.887

 6, 54.690, 319.887

■ 0, 54.690, 319.887

■ 76, 54.690,
319.887

■ 76, 54.690,
319.887

■ 70, 69.377,
320.277

■ 82, 39.593,
319.454

■ 65, 83.176,
320.589

■ 89, 24.430,
319.003

■ 60, 95.452,
320.782

■ 95, 9.421, 318.541

■ 56, 105.480,
320.804

■ 100, 1.019,
110.648

■ 53, 112.605,
320.607

■ 100, 1.018,
110.026

■ 51, 116.528,
320.157

■ 51, 117.440,
319.953

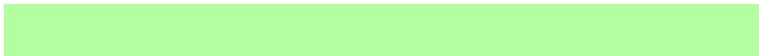
Harmonies

Complementary

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



76, 54.690, 319.887



93, 53.716, 136.315

Rectangle

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



76, 54.690, 319.887



76, 54.690, 9.887



76, 54.690, 139.887



76, 54.690, 189.887

Sweetspot

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



76, 54.688, 319.887



93, 16.453, 318.758



75, 38.379, 283.958



48, 11.068, 318.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 54.688, 319.887



72, 66.389, 320.191



77, 47.913, 335.575



50, 8.493, 318.689



38, 95.112, 320.080



9, 43.586, 320.996

Inverse Universe

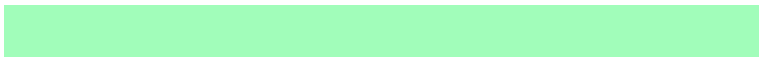
The Inverse Universe completely reimagines the original color for something new.



76, 36.828, 6.335



72, 45.311, 7.731



92, 47.521, 149.904



50, 5.464, 2.775



40, 74.103, 28.263



10, 31.882, 17.833

Previews

White Background



This preview shows how the CIELCh color 76, 54.690, 319.887 looks on a white background.

Color Contrast Check

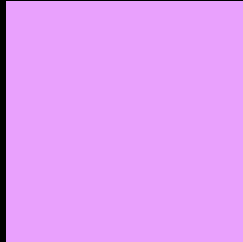
Large Text (above 18pt) WCAG AA × Fail

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 76, 54.690, 319.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

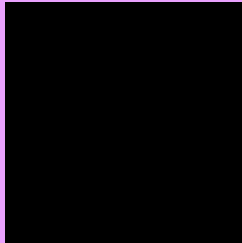
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 54.690, 319.887

Background



This preview shows how black text looks on a background with the CIELCh color 76, 54.690, 319.887.

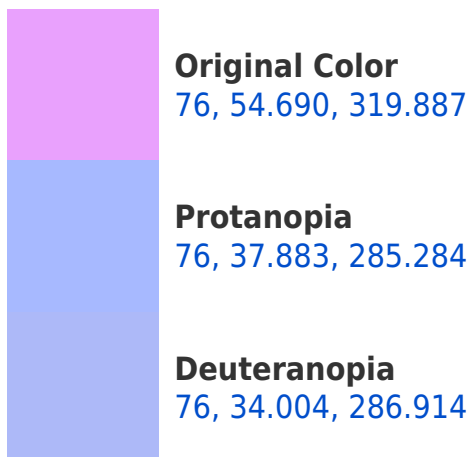


This preview shows how white text looks on a background with the CIELCh color 76, 54.690, 319.887.

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
76, 20.351, 359.688

Trichromacy



Original Color
76, 54.690, 319.887



Protanomaly
76, 42.495, 300.334



Deuteranomaly
76, 40.539, 302.378

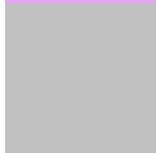


Tritanomaly
76, 31.126, 334.404

Monochromacy



Original Color
76, 54.690, 319.887



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 20.740, 319.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 54.690, 319.887 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(233, 161, 253)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 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(233, 161, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 54.690, 319.887 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(233, 161, 253) }
```

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

```
.border{ border-color:rgb(233, 161, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 161, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 161, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 161, 253);  
box-shadow:4px 4px 4px 4px rgb(233, 161,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 54.690, 319.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 253) }
```

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

```
.background{ background-color: rgb(233,  
161, 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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