

Converting Colors

CIELCh(75, 57.219, 319.171)

Have a look what the booklet for
CIELCh(75, 57.219, 319.171)
contains.

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Color

CIELCh(75, 57.380, 319.351)

Conversions

Conversions Part 1

Format	Color
Hex	E79DFE
RGB	231, 157, 254
RGB Percent	91%, 62%, 100%
CMY	0.0940, 0.3842, 0.0038
CMYK	0.09, 0.38, 0.00, 0.00
HSL	286°, 98%, 81%
HSV	286°, 38%, 100%
XYZ	62.9245, 48.2781, 99.7981
YIQ	190.1840, 12.9670, 45.8550

Conversions

Conversions Part 2

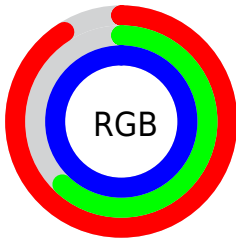
Format	Color
R _Y B	231, 157, 254
Decimal	15179262
CIE Lab	75.00, 43.54, -37.38
CIE LCh	75, 57.380, 319.351
Yxy	48.2781, 0.2982, 0.2288
Android (android.graphics.Color)	4293369342 (0xFFE79DFE)
YUV	190.1840, 31.4613, 35.7956
Hunter-Lab	69.4824, 40.0583, -36.5209

Details

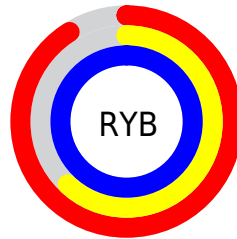
The CIELCh color `75, 57.380, 319.351` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `93, 56.190, 135.648`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 26.319, 325.341`, and `55, 57.389, 319.353` is the 20% darker color. If you saturate the color by 10%, you get `69, 72.007, 319.729`, and if you desaturate by 10%, it is `81, 42.302, 318.925`.

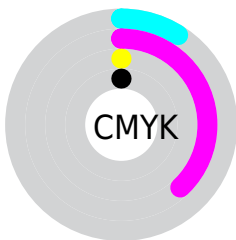
Distribution



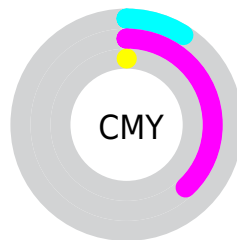
- Red (91%)
- Green (62%)
- Blue (100%)



- Red (91%)
- Yellow (62%)
- Blue (100%)



- Cyan (9%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (38%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 57.380, 319.351 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 75, 57.380, 319.351 by changing the saturation by 10% instead.


 75, 57.380,
319.351


 75, 57.380,
319.351


 100, 57.380,
319.351


 65, 57.380,
319.351


 95, 57.380,
319.351

 55, 57.380,
319.351

 45, 57.380,
319.351

 35, 57.380,
319.351

 25, 57.380,
319.351

 15, 57.380,
319.351

 5, 57.380, 319.351

■ 0, 57.380, 319.351

■ 75, 57.380,
319.351

■ 75, 57.380,
319.351

■ 69, 72.007,
319.729

■ 81, 42.302,
318.925

■ 64, 85.683,
320.023

■ 88, 27.135,
318.479

■ 59, 97.749,
320.185

■ 94, 12.105,
318.025

■ 55, 107.459,
320.162

■ 100, 0.477,
109.980

■ 52, 114.170,
319.900

■ 51, 117.717,
319.375

■ 50,118.195,
319.268

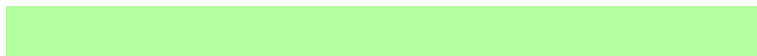
Harmonies

Complementary

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



75, 57.380, 319.351



93, 56.190, 135.648

Rectangle

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



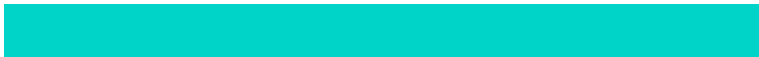
75, 57.380, 319.351



75, 57.380, 9.351



75, 57.380, 139.351



75, 57.380, 189.351

Sweetspot

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



75, 57.378, 319.351



93, 16.366, 318.154



75, 39.697, 283.309



48, 11.010, 318.216



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 57.378, 319.351



71, 69.085, 319.653



77, 50.971, 335.027



50, 8.447, 318.086



38, 95.409, 319.406



9, 43.697, 320.387

Inverse Universe

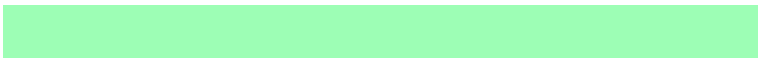
The Inverse Universe completely reimagines the original color for something new.



75, 39.054, 5.177



71, 47.572, 6.651



92, 50.636, 149.102



50, 5.506, 1.315



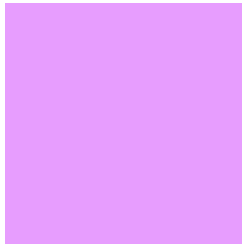
40, 73.193, 26.690



10, 31.770, 16.745

Previews

White Background



This preview shows how the CIELCh color 75, 57.380, 319.351 looks on a white background.

Color Contrast Check

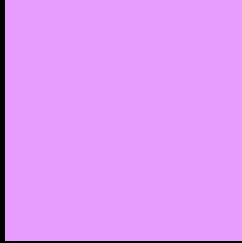
Large Text (above 18pt) WCAG AA × Fail

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 75, 57.380, 319.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

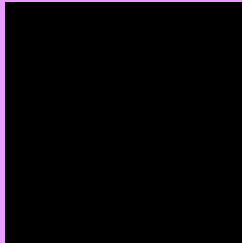
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 57.380, 319.351

Background



This preview shows how black text looks on a background with the CIELCh color 75, 57.380, 319.351.

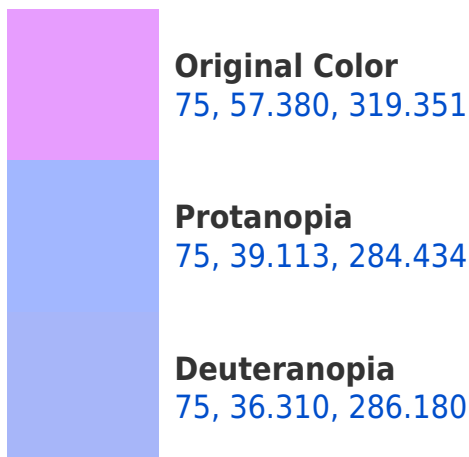


This preview shows how white text looks on a background with the CIELCh color 75, 57.380, 319.351.

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
75, 19.876, 0.720

Trichromacy



Original Color
75, 57.380, 319.351



Protanomaly
75, 44.111, 299.399



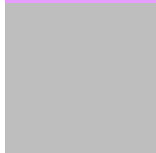
Deuteranomaly
75, 42.690, 301.221

Tritanomaly
75, 31.178, 334.420

Monochromacy



Original Color
75, 57.380, 319.351



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 21.270, 318.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 57.380, 319.351 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(231, 157, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 157, 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(231, 157, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 157, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 57.380, 319.351 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(231, 157, 254) }
```

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

```
.border{ border-color:rgb(231, 157, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 157, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 157, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 157, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 157,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 57.380, 319.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 157, 254) }
```

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

```
.background{ background-color: rgb(231,  
157, 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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