

Converting Colors

CIELCh(75, 49.515, 323.575)

Have a look what the booklet for
CIELCh(75, 49.515, 323.575)
contains.

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Color

CIELCh(75, 49.515, 323.700)

Conversions

Conversions Part 1

Format	Color
Hex	E89FEF
RGB	232, 159, 239
RGB Percent	91%, 62%, 94%
CMY	0.0895, 0.3758, 0.0621
CMYK	0.03, 0.33, 0.00, 0.06
HSL	295°, 72%, 78%
HSV	295°, 33%, 94%
XYZ	61.3653, 48.2781, 87.8779
YIQ	189.9470, 17.8280, 40.3560

Conversions

Conversions Part 2

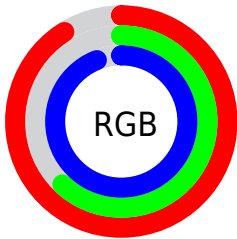
Format	Color
R _Y B	232, 159, 239
Decimal	15245295
CIE _{Lab}	75.00, 39.91, -29.31
CIE _{LCh}	75, 49.515, 323.700
Y _{xy}	48.2781, 0.3107, 0.2444
Android (android.graphics.Color)	4293435375 (0xFFE89FEF)
Y _{UV}	189.9470, 24.1831, 36.8805
Hunter-Lab	69.4824, 36.0527, -26.3493

Details

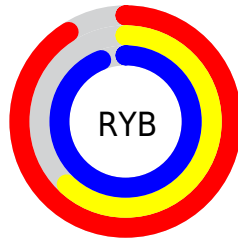
The CIELCh color $75, 49.515, 323.700$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $88, 49.251, 139.939$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.059, 325.297$, and $55, 49.644, 323.560$ is the 20% darker color. If you saturate the color by 10%, you get $70, 63.786, 324.143$, and if you desaturate by 10%, it is $81, 34.752, 323.219$.

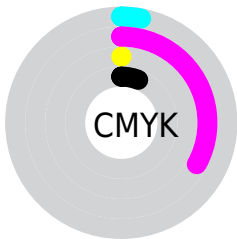
Distribution



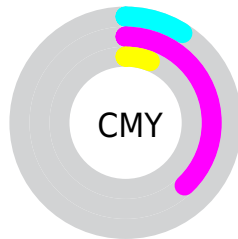
- Red (91%)
- Green (62%)
- Blue (94%)



- Red (91%)
- Yellow (62%)
- Blue (94%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (38%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 49.515, 323.700 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, 49.515, 323.700 by changing the saturation by 10% instead.


 75, 49.515,
323.700


 75, 49.515,
323.700


 100, 49.515,
323.700


 65, 49.515,
323.700


 95, 49.515,
323.700


 55, 49.515,
323.700

 45, 49.515,
323.700

 35, 49.515,
323.700

 25, 49.515,
323.700

 15, 49.515,
323.700

 5, 49.515, 323.700

0, 49.515, 323.700

75, 49.515,
323.700

75, 49.515,
323.700

70, 63.786,
324.143

81, 34.752,
323.219

65, 77.098,
324.526

86, 19.855,
322.719

61, 88.866,
324.820

92, 5.061, 322.182

58, 98.467,
324.999

99, 9.473, 141.778

99, 9.193, 137.996

55, 105.376,
325.037

99, 8.853, 133.862

54, 109.364,
324.920

99, 8.563, 129.403

■ 53, 110.722,
324.776

■ 99, 8.329, 124.644
■ 99, 8.156, 119.626

Harmonies

Complementary

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



75, 49.515, 323.700



88, 49.251, 139.939

Rectangle

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



75, 49.515, 323.700



75, 49.515, 13.700



75, 49.515, 143.700



75, 49.515, 193.700

Sweetspot

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



75, 49.512, 323.700



94, 15.514, 322.544



70, 39.409, 290.379



49, 10.594, 322.616



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, 49.512, 323.700



76, 62.077, 324.002



75, 38.605, 341.454



47, 8.381, 322.515



41, 90.800, 324.832



9, 39.597, 325.296

Inverse Universe

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



74, 31.845, 15.736



74, 40.847, 16.837



88, 37.725, 155.630



47, 5.017, 12.877



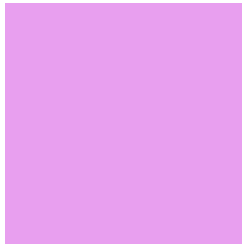
38, 78.035, 36.443



8, 29.403, 20.268

Previews

White Background



This preview shows how the CIELCh color 75, 49.515, 323.700 looks on a white background.

Color Contrast Check

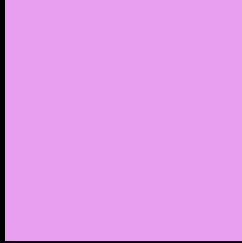
Large Text (above 18pt) WCAG AA × Fail

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, 49.515, 323.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

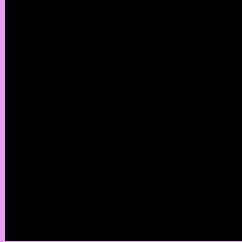
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 49.515, 323.700

Background



This preview shows how black text looks on a background with the CIELCh color 75, 49.515, 323.700.

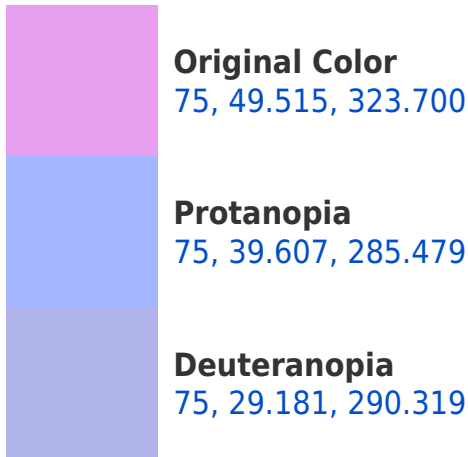


This preview shows how white text looks on a background with the CIELCh color 75, 49.515, 323.700.

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, 21.747, 2.759

Trichromacy



Original Color
75, 49.515, 323.700



Protanomaly
75, 40.952, 300.080



Deuteranomaly
75, 35.694, 306.170



Tritanomaly
75, 29.860, 340.493

Monochromacy



Original Color
75, 49.515, 323.700



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 18.293, 322.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 49.515, 323.700 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(232, 159, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 159, 239)  
}
```

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(232, 159, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 159, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 49.515, 323.700 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(232, 159, 239) }
```

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

```
.border{ border-color:rgb(232, 159, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 159, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 159, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 159, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 159,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 49.515, 323.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 159, 239) }
```

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

```
.background{ background-color: rgb(232,  
159, 239) }
```

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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