

Converting Colors

CIELCh(76, 35.447, 328.305)

Have a look what the booklet for
CIELCh(76, 35.447, 328.305)
contains.

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Color

CIELCh(76, 35.069, 328.329)

Conversions

Conversions Part 1

Format	Color
Hex	E3A9DE
RGB	227, 169, 222
RGB Percent	89%, 66%, 87%
CMY	0.1104, 0.3378, 0.1300
CMYK	0.00, 0.26, 0.02, 0.11
HSL	305°, 51%, 78%
HSV	305°, 26%, 89%
XYZ	58.9487, 49.8872, 75.5154
YIQ	192.3840, 17.5550, 28.7790

Conversions

Conversions Part 2

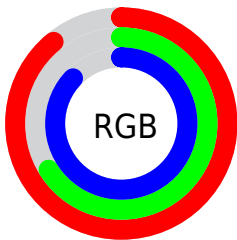
Format	Color
R _{YB}	227, 169, 222
Decimal	14920158
CIE Lab	76.00, 29.85, -18.41
CIE LCh	76, 35.069, 328.329
Yxy	49.8872, 0.3198, 0.2706
Android (android.graphics.Color)	4293110238 (0xFFE3A9DE)
YUV	192.3840, 14.6007, 30.3582
Hunter-Lab	70.6309, 25.3724, -13.9486

Details

The CIELCh color **76, 35.069, 328.329** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85, 35.027, 145.082**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **56, 35.311, 328.262** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.546, 328.911**, and if you desaturate by 10%, it is **81, 21.320, 327.740**.

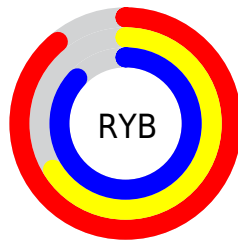
Distribution



Red (89%)

Green (66%)

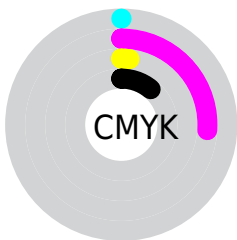
Blue (87%)



Red (89%)

Yellow (66%)

Blue (87%)

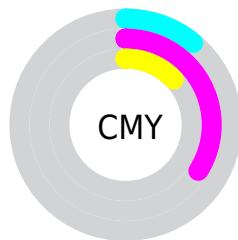


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 35.069, 328.329 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, 35.069, 328.329 by changing the saturation by 10% instead.


 76, 35.069,
328.329


 76, 35.069,
328.329


 100, 35.069,
328.329


 66, 35.069,
328.329


 96, 35.069,
328.329

 56, 35.069,
328.329

 46, 35.069,
328.329

 36, 35.069,
328.329

 26, 35.069,
328.329

 16, 35.069,
328.329

 6, 35.069, 328.329

76, 35.069,
328.329

76, 35.069,
328.329

71, 48.546,
328.911

81, 21.320,
327.740

66, 61.379,
329.477

87, 7.581, 327.136

62, 73.073,
330.019

93, 5.971, 146.662

97, 16.409,
146.607

59, 83.065,
330.528

97, 15.617,
148.793

56, 90.801,
331.001

98, 14.849,
151.202

54, 95.892,
331.441

98, 14.107,

■ 53, 98.275,
331.861

153.862

■ 53, 98.777,
332.045

■ 98, 13.397,
156.803

■ 98, 12.724,
160.056

Harmonies

Complementary

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



76, 35.069, 328.329



85, 35.027, 145.082

Rectangle

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



76, 35.069, 328.329



76, 35.069, 18.329



76, 35.069, 148.329



76, 35.069, 198.329

Sweetspot

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



76, 35.066, 328.329



95, 12.003, 327.291



71, 31.764, 296.053



50, 8.538, 327.383



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, 35.066, 328.329



81, 46.671, 328.658



75, 25.241, 350.929



44, 7.687, 327.376



41, 81.788, 331.976



7, 33.904, 331.305

Inverse Universe

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



76, 35.066, 328.329



81, 46.671, 328.658



86, 24.081, 165.972



44, 7.687, 327.376



41, 81.788, 331.976



7, 33.904, 331.305

Previews

White Background



This preview shows how the CIELCh color 76, 35.069, 328.329 looks on a white background.

Color Contrast Check

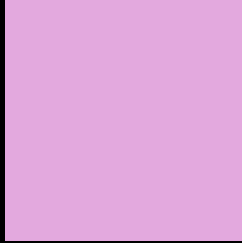
Large Text (above 18pt) WCAG AA × Fail

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, 35.069, 328.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

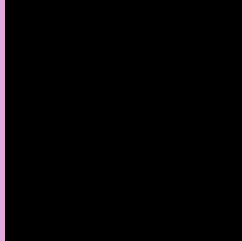
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 35.069, 328.329

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.069, 328.329.

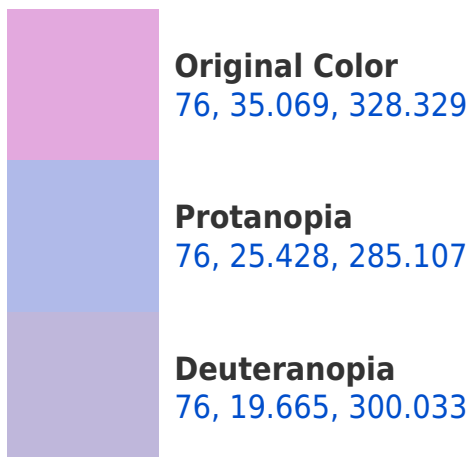


This preview shows how white text looks on a background with the CIELCh color 76, 35.069, 328.329.

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, 19.264, 358.280

Trichromacy



Original Color
76, 35.069, 328.329

Protanomaly
76, 26.961, 302.684

Deuteranomaly
76, 24.519, 313.928

Tritanomaly
76, 24.058, 343.022

Monochromacy



Original Color
76, 35.069, 328.329

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.811, 327.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.069, 328.329 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(227, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 222)  
}
```

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(227, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.069, 328.329 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(227, 169, 222) }
```

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

```
.border{ border-color:rgb(227, 169, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 169, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.069, 328.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 222) }
```

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

```
.background{ background-color: rgb(227,  
169, 222) }
```

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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