

Converting Colors

CIELCh(76, 28.119, 336.627)

Have a look what the booklet for
CIELCh(76, 28.119, 336.627)
contains.

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Color

CIELCh(76, 28.167, 337.196)

Conversions

Conversions Part 1

Format	Color
Hex	E2ABD0
RGB	226, 171, 208
RGB Percent	89%, 67%, 82%
CMY	0.1135, 0.3291, 0.1840
CMYK	0.00, 0.24, 0.08, 0.11
HSL	320°, 49%, 78%
HSV	320°, 24%, 89%
XYZ	57.3537, 49.8872, 66.3237
YIQ	191.6630, 20.9030, 23.1670

Conversions

Conversions Part 2

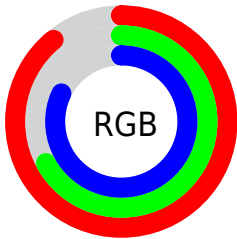
Format	Color
R _Y B	226, 171, 208
Decimal	14855120
CIE Lab	76.00, 25.97, -10.92
CIE LCh	76, 28.167, 337.196
Yxy	49.8872, 0.3304, 0.2874
Android (android.graphics.Color)	4293045200 (0xFFE2ABD0)
YUV	191.6630, 8.0541, 30.1135
Hunter-Lab	70.6309, 21.3414, -6.2327

Details

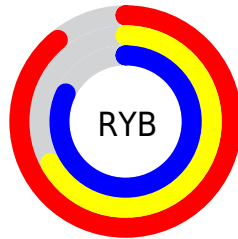
The CIELCh color $76, 28.167, 337.196$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 27.846, 153.480$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.506, 325.031$, and $56, 28.464, 336.799$ is the 20% darker color. If you saturate the color by 10%, you get $71, 39.691, 338.037$, and if you desaturate by 10%, it is $82, 16.512, 336.412$.

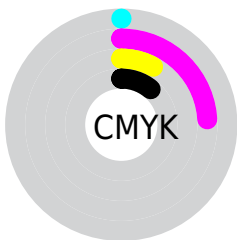
Distribution



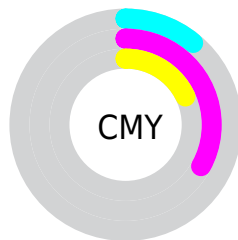
- Red (89%)
- Green (67%)
- Blue (82%)



- Red (89%)
- Yellow (67%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 28.167, 337.196 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, 28.167, 337.196 by changing the saturation by 10% instead.


 76, 28.167,
337.196


 76, 28.167,
337.196


 100, 28.167,
337.196


 66, 28.167,
337.196


 96, 28.167,
337.196

 56, 28.167,
337.196

 46, 28.167,
337.196

 36, 28.167,
337.196

 26, 28.167,
337.196

 16, 28.167,
337.196

 6, 28.167, 337.196

0, 28.167, 337.196

76, 28.167,
337.196

76, 28.167,
337.196

71, 39.691,
338.037

82, 16.512,
336.412

66, 50.773,
338.951

87, 4.950, 335.635

61, 60.972,
339.963

93, 6.391, 155.094

57, 69.748,
341.111

98, 13.532,
157.812

54, 76.524,
342.449

98, 11.283,
172.013

52, 80.837,
344.053

98, 9.976, 191.359

98, 9.821, 198.853

■ 51, 82.531,
346.016

■ 50, 82.666,
347.279

Harmonies

Complementary

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



76, 28.167, 337.196



85, 27.846, 153.480

Rectangle

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



76, 28.167, 337.196



76, 28.167, 27.196



76, 28.167, 157.196



76, 28.167, 207.196

Sweetspot

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



76, 28.164, 337.197



95, 8.845, 335.856



73, 30.595, 303.980



50, 5.750, 335.903



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, 28.164, 337.197



82, 37.026, 337.598



75, 21.781, 7.082



44, 6.481, 336.040



39, 68.766, 346.858



7, 28.885, 343.001

Inverse Universe

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



76, 28.164, 337.197



82, 37.026, 337.598



86, 19.608, 182.348



44, 6.481, 336.040



39, 68.766, 346.858



7, 28.885, 343.001

Previews

White Background



This preview shows how the CIELCh color 76, 28.167, 337.196 looks on a white background.

Color Contrast Check

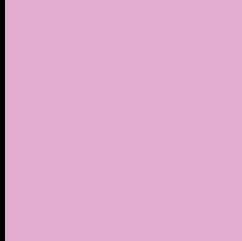
Large Text (above 18pt) WCAG AA × Fail

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, 28.167, 337.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

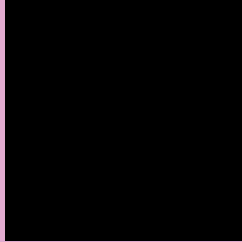
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.167, 337.196

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.167, 337.196.

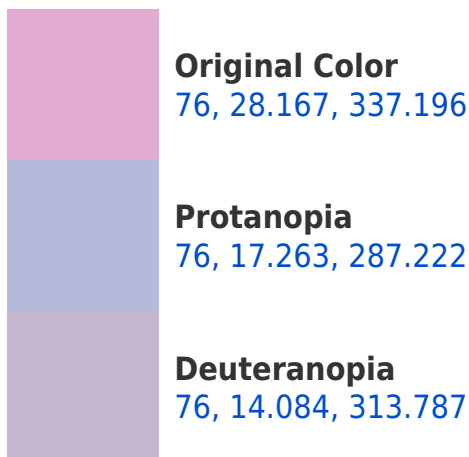


This preview shows how white text looks on a background with the CIELCh color 76, 28.167, 337.196.

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, 19.454, 0.243

Trichromacy



Original Color
76, 28.167, 337.196

Protanomaly
76, 18.867, 310.288

Deuteranomaly
76, 19.084, 326.129

Tritanomaly
76, 21.785, 350.346

Monochromacy



Original Color
76, 28.167, 337.196

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.562, 334.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.167, 337.196 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(226, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 208)  
}
```

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(226, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.167, 337.196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

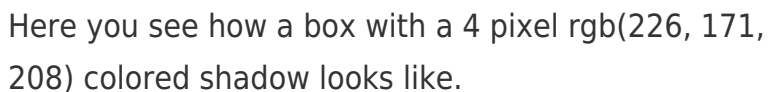
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 171, 208) }
```

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

```
.border{ border-color:rgb(226, 171, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 171, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 171, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 171, 208); box-shadow:4px 4px 4px 4px rgb(226, 171, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.167, 337.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 208) }
```

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

```
.background{ background-color: rgb(226,  
171, 208) }
```

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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