

Converting Colors

CIELCh(76, 36.753, 332.404)

Have a look what the booklet for
CIELCh(76, 36.753, 332.404)
contains.

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Color

CIELCh(76, 36.389, 332.802)

Conversions

Conversions Part 1

Format	Color
Hex	E9A7DB
RGB	233, 167, 219
RGB Percent	91%, 65%, 86%
CMY	0.0876, 0.3463, 0.1425
CMYK	0.00, 0.28, 0.06, 0.09
HSL	313°, 60%, 78%
HSV	313°, 28%, 91%
XYZ	59.9997, 49.8872, 73.2598
YIQ	192.6620, 22.6440, 30.1640

Conversions

Conversions Part 2

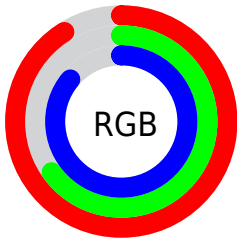
Format	Color
R _Y B	233, 167, 219
Decimal	15312859
CIE Lab	76.00, 32.37, -16.63
CIE LCh	76, 36.389, 332.802
Yxy	49.8872, 0.3276, 0.2724
Android (android.graphics.Color)	4293502939 (0xFFE9A7DB)
YUV	192.6620, 12.9846, 35.3764
Hunter-Lab	70.6309, 28.0285, -12.0552

Details

The CIELCh color **76, 36.389, 332.802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 36.208, 148.798**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.022, 325.121**, and **56, 36.384, 332.541** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.924, 333.511**, and if you desaturate by 10%, it is **82, 23.535, 332.118**.

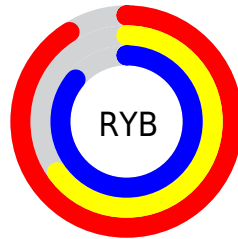
Distribution



Red (91%)

Green (65%)

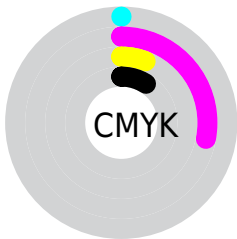
Blue (86%)



Red (91%)

Yellow (65%)

Blue (86%)

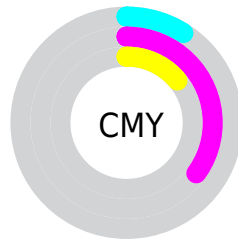


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.389, 332.802 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, 36.389, 332.802 by changing the saturation by 10% instead.


 76, 36.389,
332.802


 76, 36.389,
332.802


 100, 36.389,
332.802


 66, 36.389,
332.802


 96, 36.389,
332.802

 56, 36.389,
332.802

 46, 36.389,
332.802

 36, 36.389,
332.802

 26, 36.389,
332.802

 16, 36.389,
332.802

 6, 36.389, 332.802

0, 36.389, 332.802

76, 36.389,
332.802

76, 36.389,
332.802

71, 48.924,
333.511

82, 23.535,
332.118

66, 60.749,
334.246

87, 10.655,
331.447

62, 71.346,
335.017

93, 2.066, 151.024

58, 80.124,
335.837

98, 11.604,
152.049

56, 86.525,
336.732

98, 9.860, 161.819

54, 90.190,
337.740

98, 8.498, 175.154

98, 7.727, 192.222

■ 53, 91.239,
338.898

■ 98, 7.633, 199.009

■ 53, 91.305,
339.097

Harmonies

Complementary

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



76, 36.389, 332.802



87, 36.208, 148.798

Rectangle

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



76, 36.389, 332.802



76, 36.389, 22.802



76, 36.389, 152.802



76, 36.389, 202.802

Sweetspot

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



76, 36.386, 332.802



94, 12.367, 331.494



72, 36.389, 300.336



49, 8.602, 331.592



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, 36.386, 332.802



79, 46.877, 333.211



75, 27.142, 359.070



46, 7.298, 331.523



41, 75.862, 338.882



8, 33.243, 337.011

Inverse Universe

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



76, 36.386, 332.802



79, 46.877, 333.211



88, 24.952, 173.168



46, 7.298, 331.523



41, 75.862, 338.882



8, 33.243, 337.011

Previews

White Background



This preview shows how the CIELCh color 76, 36.389, 332.802 looks on a white background.

Color Contrast Check

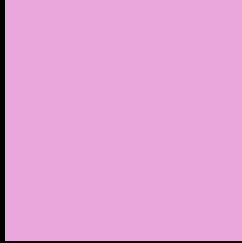
Large Text (above 18pt) WCAG AA × Fail

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, 36.389, 332.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

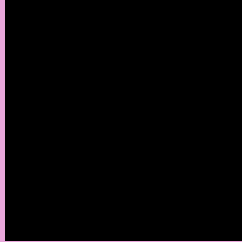
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.389, 332.802

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.389, 332.802.




This preview shows how white text looks on a background with the CIELCh color 76, 36.389, 332.802.

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, 22.047, 3.087

Trichromacy



Original Color
76, 36.389, 332.802

Protanomaly
76, 26.737, 305.781

Deuteranomaly
76, 24.129, 318.082

Tritanomaly
76, 26.217, 348.441

Monochromacy



Original Color
76, 36.389, 332.802

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.509, 331.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.389, 332.802 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, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 167, 219)  
}
```

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, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 167, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.389, 332.802 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, 167, 219) }
```

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

```
.border{ border-color:rgb(233, 167, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 167,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.389, 332.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 167, 219) }
```

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

```
.background{ background-color: rgb(233,  
167, 219) }
```

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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