

Converting Colors

CIELCh(77, 28.885, 342.456)

Have a look what the booklet for
CIELCh(77, 28.885, 342.456)
contains.

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Color

CIELCh(77, 29.073, 342.072)

Conversions

Conversions Part 1

Format	Color
Hex	E9ACCF
RGB	233, 172, 207
RGB Percent	91%, 67%, 81%
CMY	0.0849, 0.3242, 0.1869
CMYK	0.00, 0.26, 0.11, 0.08
HSL	326°, 58%, 80%
HSV	326°, 26%, 92%
XYZ	59.8346, 51.5317, 66.0383
YIQ	194.2290, 25.1210, 23.8170

Conversions

Conversions Part 2

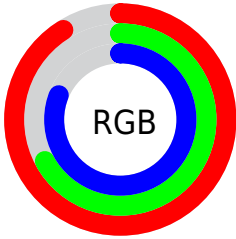
Format	Color
R _Y B	233, 172, 207
Decimal	15314127
CIE Lab	77.00, 27.66, -8.95
CIE LCh	77, 29.073, 342.072
Yxy	51.5317, 0.3373, 0.2905
Android (android.graphics.Color)	4293504207 (0xFFE9ACCF)
YUV	194.2290, 6.2961, 34.0022
Hunter-Lab	71.7856, 23.1580, -4.2932

Details

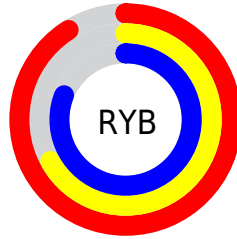
The CIELCh color $77, 29.073, 342.072$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $88, 28.435, 157.616$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $57, 29.354, 342.025$ is the 20% darker color. If you saturate the color by 10%, you get $72, 40.177, 343.086$, and if you desaturate by 10%, it is $83, 17.849, 341.158$.

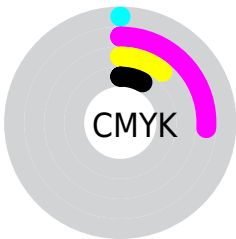
Distribution



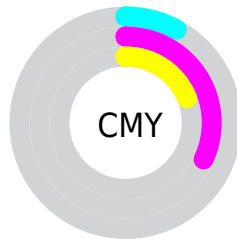
- Red (91%)
- Green (67%)
- Blue (81%)



- Red (91%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 29.073, 342.072 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 77, 29.073, 342.072 by changing the saturation by 10% instead.


 77, 29.073,
342.072


 77, 29.073,
342.072


 100, 29.073,
342.072


 67, 29.073,
342.072


 97, 29.073,
342.072

 57, 29.073,
342.072

 47, 29.073,
342.072

 37, 29.073,
342.072

 27, 29.073,
342.072

 17, 29.073,
342.072

 7, 29.073, 342.072

0, 29.073, 342.072

77, 29.073,
342.072

77, 29.073,
342.072

72, 40.177,
343.086

83, 17.849,
341.158

66, 50.840,
344.230

89, 6.732, 340.295

62, 60.609,
345.555

95, 4.150, 159.704

98, 8.567, 170.989

58, 68.929,
347.130

98, 7.406, 199.026

55, 75.228,
349.056

52, 79.090,
351.460

■ 51, 80.477,
354.481

■ 51, 80.653,
355.768

Harmonies

Complementary

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



77, 29.073, 342.072



88, 28.435, 157.616

Rectangle

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



77, 29.073, 342.072



77, 29.073, 32.072



77, 29.073, 162.072



77, 29.073, 212.072

Sweetspot

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



77, 29.070, 342.073



95, 9.431, 340.460



75, 34.274, 307.526



50, 6.712, 340.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 29.070, 342.073



80, 37.064, 342.566



76, 23.863, 15.031



46, 6.268, 340.583



39, 66.868, 355.146



8, 29.451, 349.828

Inverse Universe

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



77, 29.070, 342.073



80, 37.064, 342.566



88, 20.565, 190.589



46, 6.268, 340.583



39, 66.868, 355.146



8, 29.451, 349.828

Previews

White Background



This preview shows how the CIELCh color 77, 29.073, 342.072 looks on a white background.

Color Contrast Check

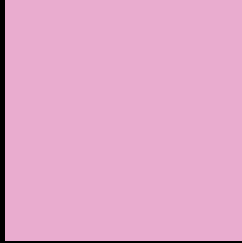
Large Text (above 18pt) WCAG AA × Fail

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 77, 29.073, 342.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

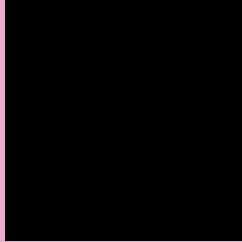
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 29.073, 342.072

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.073, 342.072.



This preview shows how white text looks on a background with the CIELCh color 77, 29.073, 342.072.

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



Original Color

77, 29.073, 342.072

Protanopia

77, 15.591, 287.802

Deuteranopia

77, 12.444, 320.715



Tritanopia
77, 21.980, 3.048

Trichromacy



Original Color
77, 29.073, 342.072

Protanomaly
77, 18.208, 314.572

Deuteranomaly
77, 18.466, 331.922

Tritanomaly
77, 24.065, 353.908

Monochromacy



Original Color
77, 29.073, 342.072

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 10.380, 342.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.073, 342.072 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, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(233, 172, 207)  
}
```

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, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 172, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.073, 342.072 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, 172, 207) }
```

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

```
.border{ border-color:rgb(233, 172, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 172, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 172, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 172, 207);  
box-shadow:4px 4px 4px 4px rgb(233, 172,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.073, 342.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 172, 207) }
```

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

```
.background{ background-color: rgb(233,  
172, 207) }
```

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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