

Converting Colors

CIELCh(77, 27.013, 339.987)

Have a look what the booklet for
CIELCh(77, 27.013, 339.987)
contains.

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Color

CIELCh(77, 27.069, 339.676)

Conversions

Conversions Part 1

Format	Color
Hex	E5AED0
RGB	229, 174, 208
RGB Percent	90%, 68%, 82%
CMY	0.1016, 0.3173, 0.1840
CMYK	0.00, 0.24, 0.09, 0.10
HSL	323°, 51%, 79%
HSV	323°, 24%, 90%
XYZ	58.8856, 51.5317, 66.5693
YIQ	194.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

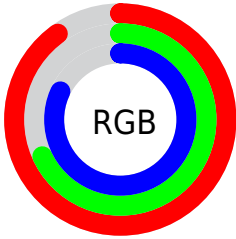
Format	Color
R _Y B	229, 174, 208
Decimal	15052496
CIE Lab	77.00, 25.38, -9.40
CIE LCh	77, 27.069, 339.676
Yxy	51.5317, 0.3327, 0.2912
Android (android.graphics.Color)	4293242576 (0xFFE5AED0)
YUV	194.3210, 6.7437, 30.4135
Hunter-Lab	71.7856, 20.7983, -4.7317

Details

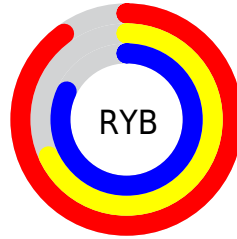
The CIELCh color **77, 27.069, 339.676** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 26.640, 155.814**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.620, 324.964**, and **57, 27.289, 339.381** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.343, 340.596**, and if you desaturate by 10%, it is **83, 15.702, 338.832**.

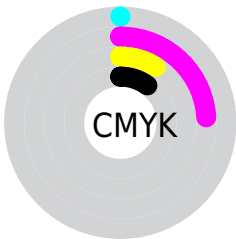
Distribution



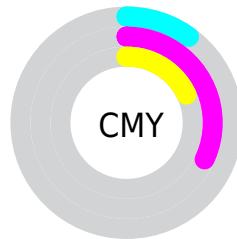
- Red (90%)
- Green (68%)
- Blue (82%)



- Red (90%)
- Yellow (68%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (10%)




- Cyan (10%)
- Magenta (32%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 27.069, 339.676 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, 27.069, 339.676 by changing the saturation by 10% instead.

 77, 27.069,
339.676


 77, 27.069,
339.676


 100, 27.069,
339.676


 67, 27.069,
339.676


 97, 27.069,
339.676


 57, 27.069,
339.676

 47, 27.069,
339.676

 37, 27.069,
339.676

 27, 27.069,
339.676

 17, 27.069,
339.676

 7, 27.069, 339.676

0, 27.069, 339.676

77, 27.069,
339.676

77, 27.069,
339.676

72, 38.343,
340.596

83, 15.702,
338.832

66, 49.225,
341.614

89, 4.455, 337.999

62, 59.283,
342.767

95, 6.553, 157.439

58, 67.981,
344.106

98, 10.947,
165.008

55, 74.741,
345.707

98, 9.052, 188.555

52, 79.092,
347.670

98, 8.825, 198.923

■ 51, 80.877,
350.114

■ 50, 81.065,
351.798

Harmonies

Complementary

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



77, 27.069, 339.676



87, 26.640, 155.814

Rectangle

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



77, 27.069, 339.676



77, 27.069, 29.676



77, 27.069, 159.676



77, 27.069, 209.676

Sweetspot

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



77, 27.066, 339.677



95, 8.507, 338.265



74, 30.691, 305.681



50, 5.530, 338.315



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, 27.066, 339.677



82, 35.693, 340.141



76, 21.522, 10.875



45, 6.351, 338.463



39, 67.465, 351.272



7, 29.129, 346.587

Inverse Universe

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



77, 27.066, 339.677



82, 35.693, 340.141



87, 19.100, 186.474



45, 6.351, 338.463



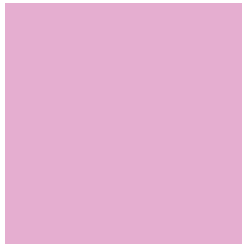
39, 67.465, 351.272



7, 29.129, 346.587

Previews

White Background



This preview shows how the CIELCh color 77, 27.069, 339.676 looks on a white background.

Color Contrast Check

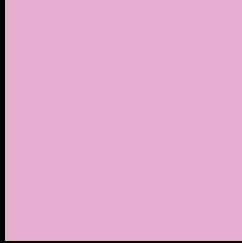
Large Text (above 18pt) WCAG AA × Fail

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, 27.069, 339.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

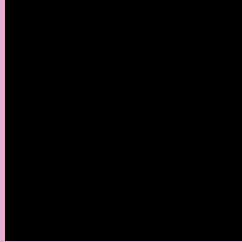
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 27.069, 339.676

Background



This preview shows how black text looks on a background with the CIELCh color 77, 27.069, 339.676.



This preview shows how white text looks on a background with the CIELCh color 77, 27.069, 339.676.

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, 27.069, 339.676

Protanopia

77, 15.591, 287.802

Deuteranopia

77, 12.909, 319.531



Tritanopia
77, 20.290, 359.653

Trichromacy



Original Color
77, 27.069, 339.676

Protanomaly
77, 17.429, 313.071

Deuteranomaly
77, 17.987, 330.082

Tritanomaly
77, 22.391, 351.413

Monochromacy



Original Color
77, 27.069, 339.676

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.810, 339.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 27.069, 339.676 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(229, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 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(229, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 27.069, 339.676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

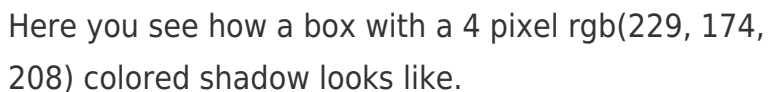
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 174, 208) }
```

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

```
.border{ border-color:rgb(229, 174, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 174, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 174, 208); box-shadow:4px 4px 4px 4px rgb(229, 174, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 27.069, 339.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 208) }
```

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

```
.background{ background-color: rgb(229,  
174, 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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