

Converting Colors

CIELCh(77, 37.928, 329.608)

Have a look what the booklet for
CIELCh(77, 37.928, 329.608)
contains.

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Color

CIELCh(77, 38.084, 329.638)

Conversions

Conversions Part 1

Format	Color
Hex	EAA9E2
RGB	234, 169, 226
RGB Percent	92%, 66%, 89%
CMY	0.0812, 0.3361, 0.1126
CMYK	0.00, 0.28, 0.03, 0.08
HSL	307°, 61%, 79%
HSV	307°, 28%, 92%
XYZ	62.0391, 51.5317, 78.8409
YIQ	194.9330, 20.4430, 31.5070

Conversions

Conversions Part 2

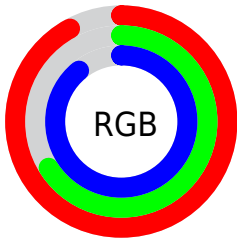
Format	Color
R_{YB}	234, 169, 226
Decimal	15378914
CIE _{Lab}	77.00, 32.86, -19.25
CIE _{LCh}	77, 38.084, 329.638
Yxy	51.5317, 0.3224, 0.2678
Android (android.graphics.Color)	4293568994 (0xFFEAA9E2)
YUV	194.9330, 15.3160, 34.2618
Hunter-Lab	71.7856, 28.6397, -14.8672

Details

The CIELCh color **77, 38.084, 329.638** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 38.016, 145.983**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **57, 38.185, 329.202** is the 20% darker color. If you saturate the color by 10%, you get **72, 51.479, 330.251**, and if you desaturate by 10%, it is **83, 24.348, 329.026**.

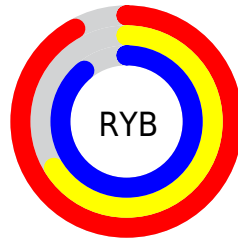
Distribution



Red (92%)

Green (66%)

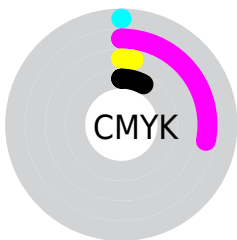
Blue (89%)



Red (92%)

Yellow (66%)

Blue (89%)

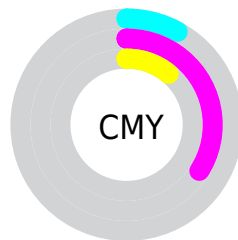


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (34%)

Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 38.084, 329.638 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, 38.084, 329.638 by changing the saturation by 10% instead.


 77, 38.084,
329.638

 77, 38.084,
329.638

 100, 38.084,
329.638

 67, 38.084,
329.638

 97, 38.084,
329.638

 57, 38.084,
329.638

 47, 38.084,
329.638

 37, 38.084,
329.638

 27, 38.084,
329.638

 17, 38.084,
329.638

 7, 38.084, 329.638

■ 0, 38.084, 329.638

■ 77, 38.084,
329.638

■ 77, 38.084,
329.638

■ 72, 51.479,
330.251

■ 83, 24.348,
329.026

■ 67, 64.128,
330.857

■ 88, 10.576,
328.410

■ 63, 75.506,
331.453

■ 94, 3.034, 147.964

■ 59, 85.022,
332.036

■ 98, 11.447,
149.042

■ 57, 92.122,
332.610

■ 98, 10.339,
154.163

■ 55, 96.454,
333.188

■ 98, 9.329, 160.427

■ 98, 8.451, 168.077

■ 54, 98.094,
333.789

■ 98, 7.750, 177.278

■ 54, 98.284,
333.927

■ 98, 7.278, 187.963

Harmonies

Complementary

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



77, 38.084, 329.638



87, 38.016, 145.983

Rectangle

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



77, 38.084, 329.638



77, 38.084, 19.638



77, 38.084, 149.638



77, 38.084, 199.638

Sweetspot

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



77, 38.081, 329.638



95, 11.698, 328.428



72, 35.604, 297.455



50, 8.322, 328.522



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, 38.081, 329.638



80, 48.389, 329.970



76, 27.700, 353.329



46, 7.771, 328.517



42, 81.155, 333.821



9, 35.243, 332.908

Inverse Universe

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



77, 38.081, 329.638



80, 48.389, 329.970



88, 26.109, 167.745



46, 7.771, 328.517



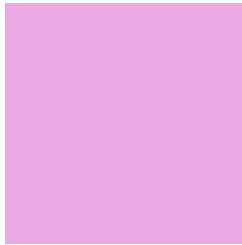
42, 81.155, 333.821



9, 35.243, 332.908

Previews

White Background



This preview shows how the CIELCh color 77, 38.084, 329.638 looks on a white background.

Color Contrast Check

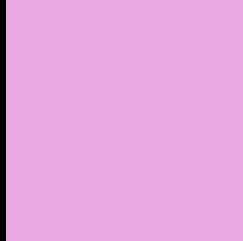
Large Text (above 18pt) WCAG AA × Fail

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, 38.084, 329.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

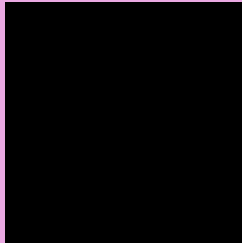
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 38.084, 329.638

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.084, 329.638.



This preview shows how white text looks on a background with the CIELCh color 77, 38.084, 329.638.

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, 38.084, 329.638

Protanopia

77, 28.028, 286.094

Deuteranopia

77, 20.091, 298.854



Tritanopia
77, 21.388, 0.933

Trichromacy



Original Color
77, 38.084, 329.638



Protanomaly
77, 29.749, 303.820



Deuteranomaly
77, 25.713, 314.519



Tritanomaly
77, 26.084, 345.391

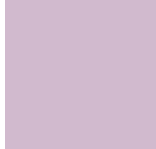
Monochromacy



Original Color
77, 38.084, 329.638



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 13.648, 328.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.084, 329.638 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(234, 169, 226)` looks like.

```
.text, #text, p{  
    color:rgb(234, 169, 226)  
}
```

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(234, 169, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 169, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.084, 329.638 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(234, 169, 226) }
```

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

```
.border{ border-color:rgb(234, 169, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 169, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 169, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 169, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 169,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.084, 329.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 169, 226) }
```

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

```
.background{ background-color: rgb(234,  
169, 226) }
```

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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