

Converting Colors

CIELCh(78, 33.162, 334.915)

Have a look what the booklet for
CIELCh(78, 33.162, 334.915)
contains.

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Color

CIELCh(78, 33.042, 334.439)

Conversions

Conversions Part 1

Format	Color
Hex	ECAEDC
RGB	236, 174, 220
RGB Percent	93%, 68%, 86%
CMY	0.0749, 0.3180, 0.1376
CMYK	0.00, 0.26, 0.07, 0.07
HSL	315°, 62%, 80%
HSV	315°, 26%, 93%
XYZ	62.5803, 53.2120, 74.6134
YIQ	197.7820, 22.1860, 27.4500

Conversions

Conversions Part 2

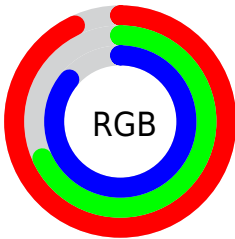
Format	Color
R _{YB}	236, 174, 220
Decimal	15511260
CIE _{Lab}	78.00, 29.81, -14.26
CIE _{LCh}	78, 33.042, 334.439
Yxy	53.2120, 0.3287, 0.2795
Android (android.graphics.Color)	4293701340 (0xFFECAEDC)
YUV	197.7820, 10.9535, 33.5172
Hunter-Lab	72.9466, 25.4773, -9.5822

Details

The CIELCh color **78, 33.042, 334.439** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88, 32.801, 150.620**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.620, 324.964**, and **58, 32.887, 334.186** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.437, 335.199**, and if you desaturate by 10%, it is **84, 20.415, 333.716**.

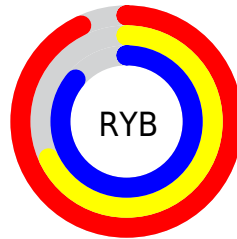
Distribution



Red (93%)

Green (68%)

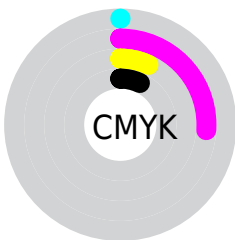
Blue (86%)



Red (93%)

Yellow (68%)

Blue (86%)

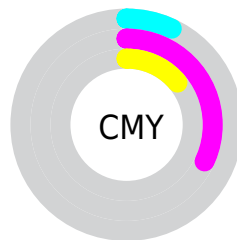


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.042, 334.439 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 78, 33.042, 334.439 by changing the saturation by 10% instead.


 78, 33.042,
334.439


 78, 33.042,
334.439


 100, 33.042,
334.439


 68, 33.042,
334.439


 98, 33.042,
334.439


 58, 33.042,
334.439

 48, 33.042,
334.439

 38, 33.042,
334.439

 28, 33.042,
334.439

 18, 33.042,
334.439

 8, 33.042, 334.439

0, 33.042, 334.439

78, 33.042,
334.439

78, 33.042,
334.439

73, 45.437,
335.199

84, 20.415,
333.716

68, 57.238,
336.005

90, 7.822, 333.008

63, 67.950,
336.869

96, 4.575, 152.490

59, 76.986,
337.817

98, 8.685, 159.880

56, 83.758,
338.883

99, 6.549, 199.092

54, 87.839,
340.119

■ 53, 89.163,
341.587

■ 53, 89.241,
342.180

Harmonies

Complementary

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



78, 33.042, 334.439



88, 32.801, 150.620

Rectangle

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



78, 33.042, 334.439



78, 33.042, 24.439



78, 33.042, 154.439



78, 33.042, 204.439

Sweetspot

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



78, 33.039, 334.440



95, 10.631, 333.135



74, 34.102, 301.847



50, 7.563, 333.242



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 33.039, 334.440



80, 42.798, 334.880



77, 24.905, 2.381



46, 7.063, 333.236



41, 73.416, 341.880



8, 32.290, 339.401

Inverse Universe

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



78, 33.039, 334.440



80, 42.798, 334.880



89, 22.701, 176.996



46, 7.063, 333.236



41, 73.416, 341.880



8, 32.290, 339.401

Previews

White Background



This preview shows how the CIELCh color 78, 33.042, 334.439 looks on a white background.

Color Contrast Check

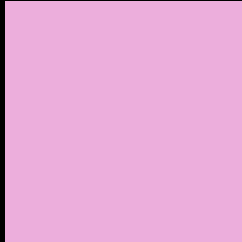
Large Text (above 18pt) WCAG AA × Fail

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 78, 33.042, 334.439 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 78, 33.042, 334.439

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.042, 334.439.



This preview shows how white text looks on a background with the CIELCh color 78, 33.042, 334.439.

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
78, 21.324, 0.897

Trichromacy



Original Color
78, 33.042, 334.439



Protanomaly
78, 24.092, 307.959



Deuteranomaly
78, 21.843, 322.069

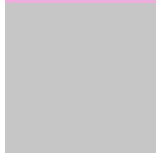


Tritanomaly
78, 24.890, 347.870

Monochromacy



Original Color
78, 33.042, 334.439



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 12.410, 333.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.042, 334.439 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(236, 174, 220)` looks like.

```
.text, #text, p{  
    color:rgb(236, 174, 220)  
}
```

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(236, 174, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 174, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.042, 334.439 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(236, 174, 220) }
```

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

```
.border{ border-color:rgb(236, 174, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 174, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 174, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 174, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 174,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.042, 334.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 174, 220) }
```

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

```
.background{ background-color: rgb(236,  
174, 220) }
```

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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