

Converting Colors

CIELCh(78, 33.175, 332.514)

Have a look what the booklet for
CIELCh(78, 33.175, 332.514)
contains.

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Color

CIELCh(78, 33.346, 332.168)

Conversions

Conversions Part 1

Format	Color
Hex	EAAEDE
RGB	234, 174, 222
RGB Percent	92%, 68%, 87%
CMY	0.0812, 0.3165, 0.1283
CMYK	0.00, 0.26, 0.05, 0.08
HSL	312°, 59%, 80%
HSV	312°, 26%, 92%
XYZ	62.4425, 53.2120, 76.2912
YIQ	197.4120, 20.3520, 27.6480

Conversions

Conversions Part 2

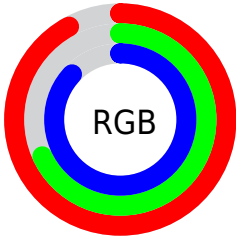
Format	Color
R_{YB}	234, 174, 222
Decimal	15380190
CIE _{Lab}	78.00, 29.49, -15.57
CIE _{LCh}	78, 33.346, 332.168
Yxy	53.2120, 0.3253, 0.2772
Android (android.graphics.Color)	4293570270 (0xFFEAAEDE)
YUV	197.4120, 12.1219, 32.0877
Hunter-Lab	72.9466, 25.1401, -10.9459

Details

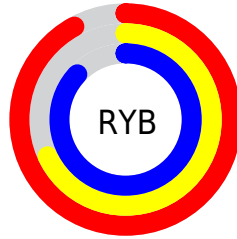
The CIELCh color **78, 33.346, 332.168** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88, 33.199, 148.640**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.620, 324.964**, and **58, 33.454, 332.307** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.174, 332.857**, and if you desaturate by 10%, it is **84, 20.281, 331.499**.

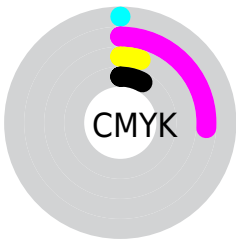
Distribution



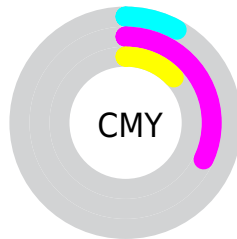
- Red (92%)
- Green (68%)
- Blue (87%)



- Red (92%)
- Yellow (68%)
- Blue (87%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.346, 332.168 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, 33.346, 332.168 by changing the saturation by 10% instead.


 78, 33.346,
332.168


 78, 33.346,
332.168


 100, 33.346,
332.168


 68, 33.346,
332.168


 98, 33.346,
332.168

 58, 33.346,
332.168

 48, 33.346,
332.168

 38, 33.346,
332.168

 28, 33.346,
332.168

 18, 33.346,
332.168

 8, 33.346, 332.168

0, 33.346, 332.168

78, 33.346,
332.168

78, 33.346,
332.168

73, 46.174,
332.857

84, 20.281,
331.499

68, 58.402,
333.567

89, 7.247, 330.831

63, 69.535,
334.303

95, 5.589, 150.329

60, 78.993,
335.075

98, 10.224,
154.799

57, 86.192,
335.902

98, 8.670, 165.906

55, 90.699,
336.815

98, 7.553, 180.964

99, 7.087, 199.050

■ 53, 92.424,
337.854

■ 53, 92.609,
338.344

Harmonies

Complementary

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



78, 33.346, 332.168



88, 33.199, 148.640

Rectangle

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



78, 33.346, 332.168



78, 33.346, 22.168



78, 33.346, 152.168



78, 33.346, 202.168

Sweetspot

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



78, 33.343, 332.168



95, 11.080, 330.997



74, 32.883, 300.068



50, 7.882, 331.098



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, 33.343, 332.168



81, 43.166, 332.546



77, 24.555, 358.703



46, 7.361, 331.093



41, 76.537, 338.142



9, 33.502, 336.417

Inverse Universe

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



78, 33.343, 332.168



81, 43.166, 332.546



88, 22.768, 173.469



46, 7.361, 331.093



41, 76.537, 338.142



9, 33.502, 336.417

Previews

White Background



This preview shows how the CIELCh color 78, 33.346, 332.168 looks on a white background.

Color Contrast Check

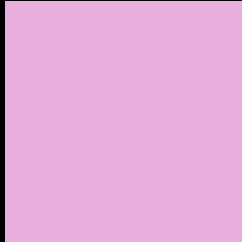
Large Text (above 18pt) WCAG AA × Fail

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, 33.346, 332.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

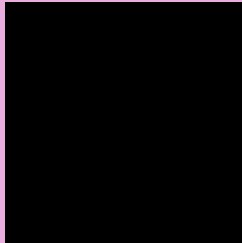
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 33.346, 332.168

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.346, 332.168.



This preview shows how white text looks on a background with the CIELCh color 78, 33.346, 332.168.

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

78, 33.346, 332.168

Protanopia

78, 23.099, 286.493

Deuteranopia

78, 17.657, 304.262



Tritanopia
78, 20.607, 0.066

Trichromacy



Original Color
78, 33.346, 332.168

Protanomaly
78, 24.951, 305.779

Deuteranomaly
78, 22.899, 318.436

Tritanomaly
78, 24.856, 346.295

Monochromacy



Original Color
78, 33.346, 332.168

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.564, 330.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.346, 332.168 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, 174, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 222)  
}
```

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, 174, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.346, 332.168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

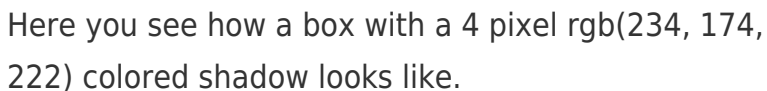
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 174, 222) }
```

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

```
.border{ border-color:rgb(234, 174, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(234, 174, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 174, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 174, 222); box-shadow:4px 4px 4px 4px rgb(234, 174, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.346, 332.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 222) }
```

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

```
.background{ background-color: rgb(234,  
174, 222) }
```

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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