

Converting Colors

CIELCh(78, 40.094, 332.677)

Have a look what the booklet for
CIELCh(78, 40.094, 332.677)
contains.

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Color

CIELCh(78, 40.094, 332.677)

Conversions

Conversions Part 1

Format	Color
Hex	F3AAE4
RGB	243, 170, 228
RGB Percent	95%, 67%, 89%
CMY	0.0484, 0.3345, 0.1071
CMYK	0.00, 0.30, 0.06, 0.05
HSL	312°, 75%, 81%
HSV	312°, 30%, 95%
XYZ	65.1228, 53.2120, 80.0022
YIQ	198.4390, 24.8900, 33.5140

Conversions

Conversions Part 2

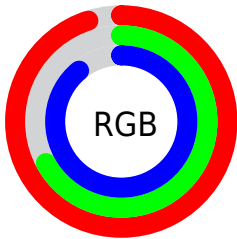
Format	Color
R _Y B	243, 170, 228
Decimal	15968996
CIE Lab	78.00, 35.62, -18.40
CIE LCh	78, 40.094, 332.677
Yxy	53.2120, 0.3283, 0.2683
Android (android.graphics.Color)	4294159076 (0xFFF3AAE4)
YUV	198.4390, 14.5736, 39.0800
Hunter-Lab	72.9466, 31.6989, -13.9622

Details

The CIELCh color **78, 40.094, 332.677** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90, 39.909, 148.402**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.134, 325.054**, and **58, 39.762, 333.031** is the 20% darker color. If you saturate the color by 10%, you get **73, 53.021, 333.383**, and if you desaturate by 10%, it is **84, 26.767, 331.994**.

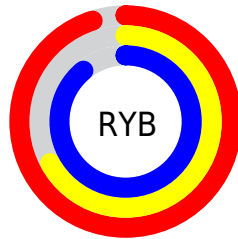
Distribution



Red (95%)

Green (67%)

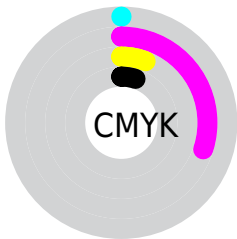
Blue (89%)



Red (95%)

Yellow (67%)

Blue (89%)

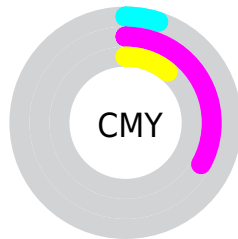


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 40.094, 332.677 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, 40.094, 332.677 by changing the saturation by 10% instead.

 78, 40.094,
332.677

 78, 40.094,
332.677

 100, 40.094,
332.677

 68, 40.094,
332.677


 98, 40.094,
332.677

 58, 40.094,
332.677

 48, 40.094,
332.677

 38, 40.094,
332.677

 28, 40.094,
332.677

 18, 40.094,
332.677

 8, 40.094, 332.677

0, 40.094, 332.677

78, 40.094,
332.677

78, 40.094,
332.677

73, 53.021,
333.383

84, 26.767,
331.994

68, 65.119,
334.115

90, 13.367,
331.326

64, 75.827,
334.879

96, 0.104, 327.268

60, 84.530,
335.692

99, 5.747, 158.409

99, 4.458, 183.394

58, 90.671,
336.579

99, 4.254, 199.291

56, 93.941,
337.578

■ 55, 94.688,
338.706

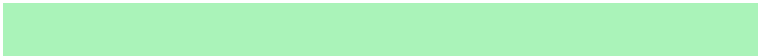
Harmonies

Complementary

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



78, 40.094, 332.677



90, 39.909, 148.402

Rectangle

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



78, 40.094, 332.677



78, 40.094, 22.677



78, 40.094, 152.677



78, 40.094, 202.677

Sweetspot

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



78, 40.091, 332.677



94, 12.426, 331.256



73, 40.067, 300.516



49, 8.643, 331.354



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, 40.091, 332.677



78, 49.786, 333.100



77, 29.858, 359.319



48, 7.594, 331.287



42, 77.800, 338.496



10, 35.300, 336.868

Inverse Universe

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



78, 40.091, 332.677



78, 49.786, 333.100



91, 27.296, 172.968



48, 7.594, 331.287



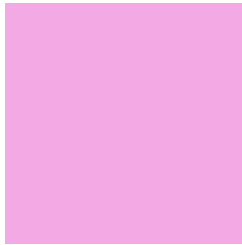
42, 77.800, 338.496



10, 35.300, 336.868

Previews

White Background



This preview shows how the CIELCh color 78, 40.094, 332.677 looks on a white background.

Color Contrast Check

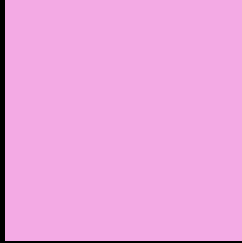
Large Text (above 18pt) WCAG AA × Fail

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, 40.094, 332.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

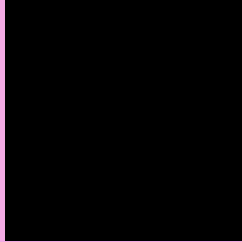
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.094, 332.677

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.094, 332.677.



This preview shows how white text looks on a background with the CIELCh color 78, 40.094, 332.677.

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, 40.094, 332.677

Protanopia
78, 27.420, 285.854

Deuteranopia
78, 19.623, 301.007



Tritanopia
78, 24.173, 5.022

Trichromacy



Original Color
78, 40.094, 332.677



Protanomaly
78, 29.898, 305.730



Deuteranomaly
78, 26.385, 318.134

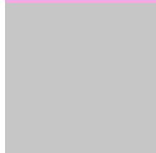


Tritanomaly
78, 29.079, 348.844

Monochromacy



Original Color
78, 40.094, 332.677



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 14.715, 330.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.094, 332.677 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(243, 170, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 228)  
}
```

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(243, 170, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.094, 332.677 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(243, 170, 228) }
```

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

```
.border{ border-color:rgb(243, 170, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 170, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.094, 332.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 228) }
```

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

```
.background{ background-color: rgb(243,  
170, 228) }
```

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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