

Converting Colors

CIELCh(78, 37.746, 334.501)

Have a look what the booklet for
CIELCh(78, 37.746, 334.501)
contains.

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Color

CIELCh(78, 37.762, 334.488)

Conversions

Conversions Part 1

Format	Color
Hex	F2ABE0
RGB	242, 171, 224
RGB Percent	95%, 67%, 88%
CMY	0.0521, 0.3305, 0.1227
CMYK	0.00, 0.29, 0.07, 0.05
HSL	315°, 73%, 81%
HSV	315°, 29%, 95%
XYZ	64.4423, 53.2120, 77.1908
YIQ	198.2710, 25.3030, 31.5350

Conversions

Conversions Part 2

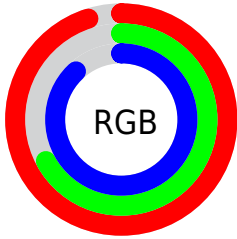
Format	Color
R _Y B	242, 171, 224
Decimal	15903712
CIE Lab	78.00, 34.08, -16.26
CIE LCh	78, 37.762, 334.488
Yxy	53.2120, 0.3307, 0.2731
Android (android.graphics.Color)	4294093792 (0xFFF2ABE0)
YUV	198.2710, 12.6844, 38.3503
Hunter-Lab	72.9466, 30.0336, -11.6771

Details

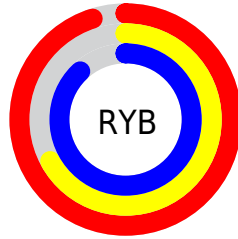
The CIELCh color $78, 37.762, 334.488$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $90, 37.486, 150.155$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 17.506, 325.031$, and $58, 37.739, 334.369$ is the 20% darker color. If you saturate the color by 10%, you get $73, 50.296, 335.256$, and if you desaturate by 10%, it is $84, 24.883, 333.759$.

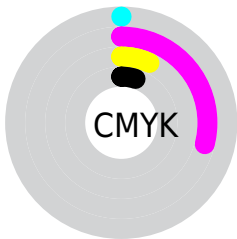
Distribution



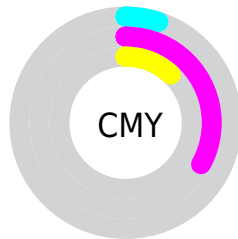
- Red (95%)
- Green (67%)
- Blue (88%)



- Red (95%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 37.762, 334.488 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, 37.762, 334.488 by changing the saturation by 10% instead.

 78, 37.762,
334.488

 78, 37.762,
334.488

 100, 37.762,
334.488

 68, 37.762,
334.488

 98, 37.762,
334.488

 58, 37.762,
334.488

 48, 37.762,
334.488

 38, 37.762,
334.488

 28, 37.762,
334.488

 18, 37.762,
334.488

 8, 37.762, 334.488

■ 0, 37.762, 334.488

■ 78, 37.762,
334.488

■ 78, 37.762,
334.488

■ 73, 50.296,
335.256

■ 84, 24.883,
333.759

■ 68, 62.075,
336.071

■ 90, 11.967,
333.054

■ 63, 72.555,
336.948

■ 96, 0.794, 152.903

■ 60, 81.124,
337.914

■ 99, 5.812, 162.776

■ 99, 4.605, 195.117

■ 57, 87.210,
339.008

■ 99, 4.583, 199.259

■ 55, 90.471,
340.284

■ 54, 91.153,
341.786

■ 54, 91.165,
341.886

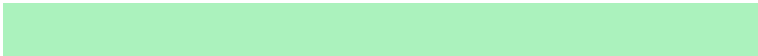
Harmonies

Complementary

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



78, 37.762, 334.488



90, 37.486, 150.155

Rectangle

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



78, 37.762, 334.488



78, 37.762, 24.488



78, 37.762, 154.488



78, 37.762, 204.488

Sweetspot

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



78, 37.759, 334.489



94, 12.008, 333.031



74, 39.090, 302.125



49, 8.353, 333.133



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, 37.759, 334.489



79, 46.878, 334.924



77, 28.547, 2.818



47, 7.212, 333.062



41, 74.405, 341.587



9, 33.306, 339.284

Inverse Universe

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



78, 37.759, 334.489



79, 46.878, 334.924



90, 25.712, 176.659



47, 7.212, 333.062



41, 74.405, 341.587



9, 33.306, 339.284

Previews

White Background



This preview shows how the CIELCh color 78, 37.762, 334.488 looks on a white background.

Color Contrast Check

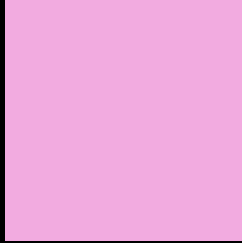
Large Text (above 18pt) WCAG AA × Fail

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, 37.762, 334.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

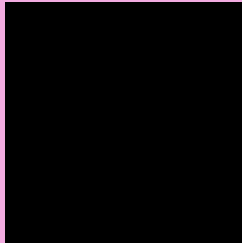
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.762, 334.488

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.762, 334.488.



This preview shows how white text looks on a background with the CIELCh color 78, 37.762, 334.488.

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, 37.762, 334.488

Protanopia

78, 25.247, 286.482

Deuteranopia

78, 17.657, 304.262



Tritanopia
78, 23.802, 4.713

Trichromacy



Original Color
78, 37.762, 334.488



Protanomaly
78, 27.287, 306.923



Deuteranomaly
78, 24.033, 320.978



Tritanomaly
78, 27.695, 350.757

Monochromacy



Original Color
78, 37.762, 334.488



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 13.933, 333.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.762, 334.488 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(242, 171, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 171, 224)  
}
```

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(242, 171, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.762, 334.488 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(242, 171, 224) }
```

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

```
.border{ border-color:rgb(242, 171, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 171, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 171, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 171, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 171,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.762, 334.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 171, 224) }
```

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

```
.background{ background-color: rgb(242,  
171, 224) }
```

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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