

Converting Colors

CIELCh(78, 42.459, 323.710)

Have a look what the booklet for
CIELCh(78, 42.459, 323.710)
contains.

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Color

CIELCh(78, 42.264, 323.867)

Conversions

Conversions Part 1

Format	Color
Hex	EBACF0
RGB	235, 172, 240
RGB Percent	92%, 67%, 94%
CMY	0.0801, 0.3270, 0.0605
CMYK	0.02, 0.28, 0.00, 0.06
HSL	296°, 69%, 81%
HSV	296°, 28%, 94%
XYZ	64.4663, 53.2120, 88.9873
YIQ	198.5890, 15.7200, 34.5040

Conversions

Conversions Part 2

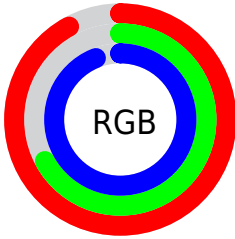
Format	Color
R _Y B	235, 172, 240
Decimal	15445232
CIE Lab	78.00, 34.13, -24.92
CIE LCh	78, 42.264, 323.867
Yxy	53.2120, 0.3119, 0.2575
Android (android.graphics.Color)	4293635312 (0xFFEBACF0)
YUV	198.5890, 20.4156, 31.9324
Hunter-Lab	72.9466, 30.0923, -21.2651

Details

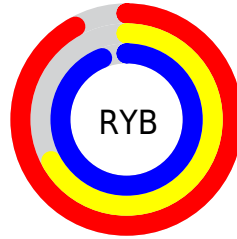
The CIELCh color $78, 42.264, 323.867$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 42.087, 140.682$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $58, 42.179, 323.616$ is the 20% darker color. If you saturate the color by 10%, you get $73, 56.877, 324.339$, and if you desaturate by 10%, it is $84, 27.331, 323.367$.

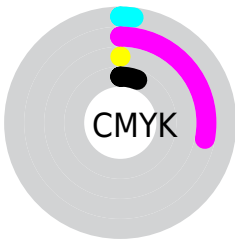
Distribution



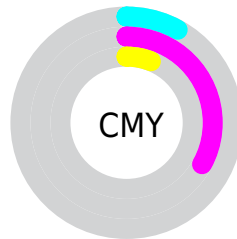
- Red (92%)
- Green (67%)
- Blue (94%)



- Red (92%)
- Yellow (67%)
- Blue (94%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)




- Cyan (8%)
- Magenta (33%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 42.264, 323.867 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, 42.264, 323.867 by changing the saturation by 10% instead.

 78, 42.264,
323.867

 78, 42.264,
323.867


 100, 42.264,
323.867

 68, 42.264,
323.867


 98, 42.264,
323.867

 58, 42.264,
323.867

 48, 42.264,
323.867

 38, 42.264,
323.867

 28, 42.264,
323.867

 18, 42.264,
323.867

 8, 42.264, 323.867

■ 0, 42.264, 323.867

■ 78, 42.264,
323.867

■ 78, 42.264,
323.867

■ 73, 56.877,
324.339

■ 84, 27.331,
323.367

■ 68, 70.761,
324.763

■ 90, 12.386,
322.850

■ 63, 83.376,
325.116

■ 96, 2.374, 142.488

■ 60, 94.107,
325.370

■ 99, 9.189, 140.510

■ 99, 8.876, 137.137

■ 57, 102.369,
325.501

■ 99, 8.596, 133.517

■ 55, 107.773,
325.492

■ 99, 8.353, 129.655

■ 54, 110.419,
325.345

■ 99, 8.150, 125.566

■ 54, 110.733,
325.315

■ 99, 7.991, 121.278

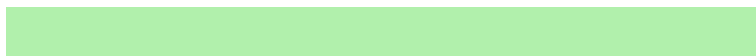
Harmonies

Complementary

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



78, 42.264, 323.867



89, 42.087, 140.682

Rectangle

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



78, 42.264, 323.867



78, 42.264, 13.867



78, 42.264, 143.867



78, 42.264, 193.867

Sweetspot

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



78, 42.261, 323.867



94, 14.011, 322.885



74, 33.778, 290.269



49, 9.746, 322.962



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, 42.261, 323.867



79, 53.168, 324.143



78, 32.445, 341.800



47, 8.416, 322.908



41, 90.693, 325.363



9, 39.560, 325.755

Inverse Universe

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



77, 26.645, 16.081



78, 34.186, 16.901



89, 31.725, 156.934



47, 5.008, 13.992



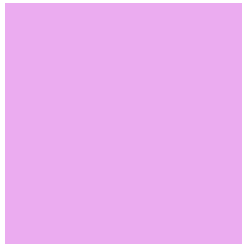
38, 78.636, 37.074



8, 29.465, 20.836

Previews

White Background



This preview shows how the CIELCh color 78, 42.264, 323.867 looks on a white background.

Color Contrast Check

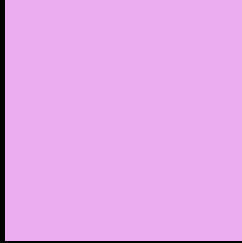
Large Text (above 18pt) WCAG AA × Fail

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, 42.264, 323.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

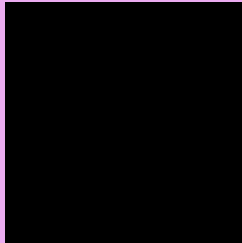
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.264, 323.867

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.264, 323.867.



This preview shows how white text looks on a background with the CIELCh color 78, 42.264, 323.867.

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, 42.264, 323.867

Protanopia

78, 33.375, 285.072

Deuteranopia

78, 25.216, 293.192



Tritanopia
78, 19.520, 358.706

Trichromacy



Original Color
78, 42.264, 323.867



Protanomaly
78, 34.719, 300.201



Deuteranomaly
78, 30.137, 307.639

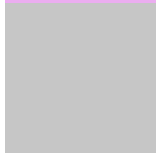


Tritanomaly
78, 26.471, 338.499

Monochromacy



Original Color
78, 42.264, 323.867



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 15.787, 322.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.264, 323.867 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(235, 172, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 240)  
}
```

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(235, 172, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.264, 323.867 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(235, 172, 240) }
```

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

```
.border{ border-color:rgb(235, 172, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 172, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.264, 323.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 240) }
```

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

```
.background{ background-color: rgb(235,  
172, 240) }
```

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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