

Converting Colors

CIELCh(78, 41.952, 324.420)

Have a look what the booklet for
CIELCh(78, 41.952, 324.420)
contains.

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Color

CIELCh(78, 41.828, 324.255)

Conversions

Conversions Part 1

Format	Color
Hex	EBACEF
RGB	235, 172, 239
RGB Percent	92%, 67%, 94%
CMY	0.0797, 0.3266, 0.0640
CMYK	0.02, 0.28, 0.00, 0.06
HSL	296°, 67%, 80%
HSV	296°, 28%, 94%
XYZ	64.3845, 53.2120, 88.2947
YIQ	198.4750, 16.0410, 34.1930

Conversions

Conversions Part 2

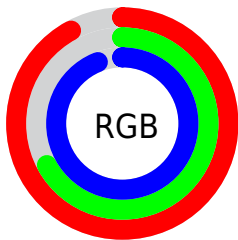
Format	Color
R _Y B	235, 172, 239
Decimal	15445231
CIE _{Lab}	78.00, 33.95, -24.44
CIE _{LCh}	78, 41.828, 324.255
Y _{xy}	53.2120, 0.3127, 0.2584
Android (android.graphics.Color)	4293635311 (0xFFEBACEF)
Y _{UV}	198.4750, 19.9788, 32.0324
Hunter-Lab	72.9466, 29.8922, -20.7022

Details

The CIELCh color $78, 41.828, 324.255$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 41.688, 141.052$, 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 $58, 41.719, 324.021$ is the 20% darker color. If you saturate the color by 10%, you get $73, 56.437, 324.736$, and if you desaturate by 10%, it is $84, 26.892, 323.747$.

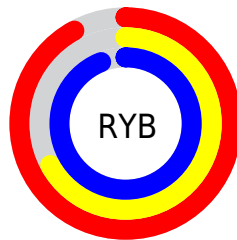
Distribution



Red (92%)

Green (67%)

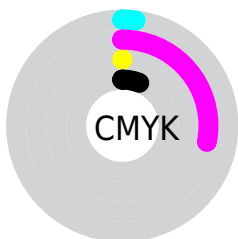
Blue (94%)



Red (92%)

Yellow (67%)

Blue (94%)

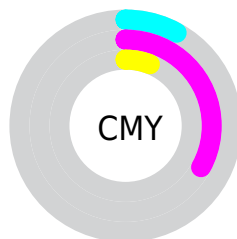


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (8%)


Magenta (33%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 41.828, 324.255 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, 41.828, 324.255 by changing the saturation by 10% instead.


 78, 41.828,
324.255


 78, 41.828,
324.255


 100, 41.828,
324.255


 68, 41.828,
324.255


 98, 41.828,
324.255

 58, 41.828,
324.255

 48, 41.828,
324.255

 38, 41.828,
324.255

 28, 41.828,
324.255

 18, 41.828,
324.255

 8, 41.828, 324.255

■ 0, 41.828, 324.255

■ 78, 41.828,
324.255

■ 78, 41.828,
324.255

■ 73, 56.437,
324.736

■ 84, 26.892,
323.747

■ 68, 70.309,
325.170

■ 89, 11.939,
323.221

■ 64, 82.904,
325.536

■ 96, 2.831, 142.834

■ 99, 9.816, 141.295

■ 60, 93.615,
325.807

■ 99, 9.553, 138.788

■ 57, 101.866,
325.963

■ 99, 9.310, 136.136

■ 55, 107.277,
325.988

■ 99, 9.088, 133.339

■ 54, 109.933,
325.883

■ 99, 8.888, 130.400

■ 54, 110.298,
325.856

■ 99, 8.713, 127.326

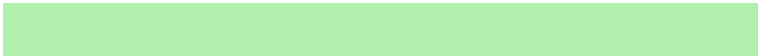
Harmonies

Complementary

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



78, 41.828, 324.255



89, 41.688, 141.052

Rectangle

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



78, 41.828, 324.255



78, 41.828, 14.255



78, 41.828, 144.255



78, 41.828, 194.255

Sweetspot

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



78, 41.825, 324.255



95, 12.499, 323.219



74, 33.915, 290.943



50, 8.891, 323.301



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, 41.825, 324.255



79, 53.345, 324.551



77, 31.648, 342.625



47, 8.451, 323.297



42, 90.596, 325.895



9, 39.526, 326.216

Inverse Universe

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



77, 26.260, 17.109



78, 34.227, 17.957



89, 30.883, 157.744



47, 5.001, 15.106



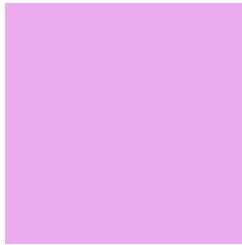
38, 79.196, 37.644



8, 29.529, 21.400

Previews

White Background



This preview shows how the CIELCh color 78, 41.828, 324.255 looks on a white background.

Color Contrast Check

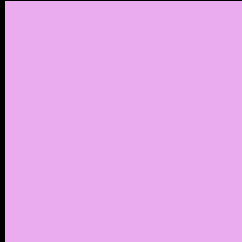
Large Text (above 18pt) WCAG AA × Fail

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, 41.828, 324.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

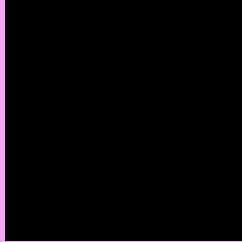
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.828, 324.255

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.828, 324.255.




This preview shows how white text looks on a background with the CIELCh color 78, 41.828, 324.255.

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, 19.520, 358.706

Trichromacy



Original Color
78, 41.828, 324.255



Protanomaly
78, 34.233, 300.829



Deuteranomaly
78, 29.713, 308.538

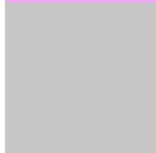


Tritanomaly
78, 26.133, 339.380

Monochromacy



Original Color
78, 41.828, 324.255



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, 41.828, 324.255 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.828, 324.255 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, 239) }
```

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

```
.border{ border-color:rgb(235, 172, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.828, 324.255 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, 239) }
```

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

```
.background{ background-color: rgb(235,  
172, 239) }
```

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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