

Converting Colors

CIELCh(78, 24.848, 338.972)

Have a look what the booklet for
CIELCh(78, 24.848, 338.972)
contains.

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Color

CIELCh(78, 24.978, 338.474)

Conversions

Conversions Part 1

Format	Color
Hex	E4B2D2
RGB	228, 178, 210
RGB Percent	89%, 70%, 82%
CMY	0.1044, 0.3005, 0.1750
CMYK	0.00, 0.22, 0.08, 0.10
HSL	322°, 48%, 80%
HSV	322°, 22%, 90%
XYZ	59.7863, 53.2120, 68.3345
YIQ	196.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

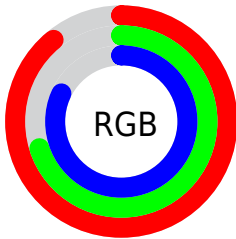
Format	Color
R _Y B	228, 178, 210
Decimal	14987986
CIE Lab	78.00, 23.24, -9.17
CIE LCh	78, 24.978, 338.474
Yxy	53.2120, 0.3297, 0.2934
Android (android.graphics.Color)	4293178066 (0xFFE4B2D2)
YUV	196.5980, 6.6072, 27.5396
Hunter-Lab	72.9466, 18.6405, -4.4788

Details

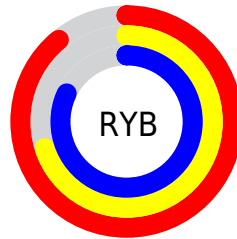
The CIELCh color **78, 24.978, 338.474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 24.656, 155.071**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.109, 324.873**, and **58, 25.110, 337.991** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.416, 339.345**, and if you desaturate by 10%, it is **84, 13.487, 337.666**.

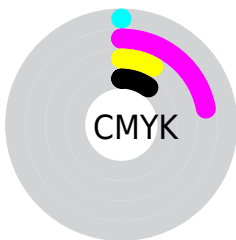
Distribution



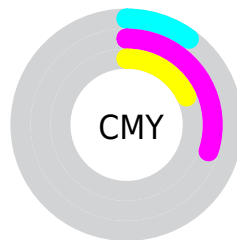
- Red (89%)
- Green (70%)
- Blue (82%)



- Red (89%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.978, 338.474 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, 24.978, 338.474 by changing the saturation by 10% instead.

 78, 24.978,
338.474

 78, 24.978,
338.474

 100, 24.978,
338.474

 68, 24.978,
338.474

 98, 24.978,
338.474

 58, 24.978,
338.474

 48, 24.978,
338.474

 38, 24.978,
338.474

 28, 24.978,
338.474

 18, 24.978,
338.474

 8, 24.978, 338.474

0, 24.978, 338.474

78, 24.978,
338.474

78, 24.978,
338.474

73, 36.416,
339.345

84, 13.487,
337.666

67, 47.520,
340.299

90, 2.138, 336.772

63, 57.882,
341.365

96, 8.958, 156.314

59, 66.981,
342.584

98, 11.092,
166.088

55, 74.238,
344.018

98, 9.323, 187.776

53, 79.143,
345.754

98, 9.058, 198.906

■ 51, 81.448,
347.896

■ 50, 81.773,
349.951

Harmonies

Complementary

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



78, 24.978, 338.474



87, 24.656, 155.071

Rectangle

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



78, 24.978, 338.474



78, 24.978, 28.474



78, 24.978, 158.474



78, 24.978, 208.474

Sweetspot

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



78, 24.975, 338.475



95, 8.640, 337.280



76, 27.768, 304.963



50, 5.617, 337.329



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, 24.975, 338.475



84, 32.464, 338.837



77, 19.516, 9.322



45, 6.449, 337.473



39, 68.218, 349.476



7, 29.478, 345.191

Inverse Universe

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



78, 24.975, 338.475



84, 32.464, 338.837



87, 17.601, 185.280



45, 6.449, 337.473



39, 68.218, 349.476



7, 29.478, 345.191

Previews

White Background



This preview shows how the CIELCh color 78, 24.978, 338.474 looks on a white background.

Color Contrast Check

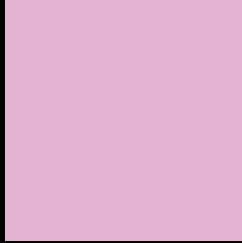
Large Text (above 18pt) WCAG AA × Fail

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, 24.978, 338.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

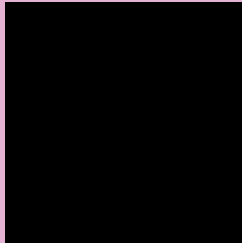
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.978, 338.474

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.978, 338.474.

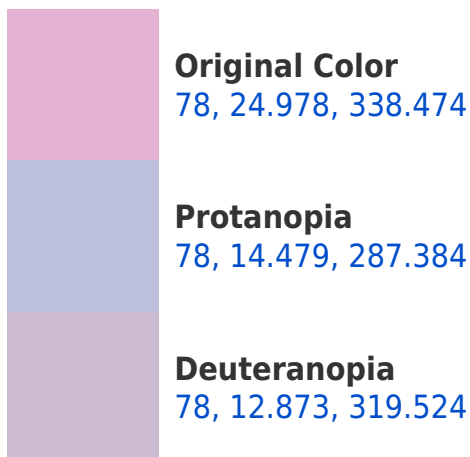


This preview shows how white text looks on a background with the CIELCh color 78, 24.978, 338.474.

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, 18.449, 357.208

Trichromacy



Original Color
78, 24.978, 338.474

Protanomaly
78, 16.631, 311.432

Deuteranomaly
78, 17.306, 330.226

Tritanomaly
78, 20.711, 348.542

Monochromacy



Original Color
78, 24.978, 338.474

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 9.240, 336.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.978, 338.474 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(228, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 210)  
}
```

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(228, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.978, 338.474 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(228, 178, 210) }
```

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

```
.border{ border-color:rgb(228, 178, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 210);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.978, 338.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 210) }
```

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

```
.background{ background-color: rgb(228,  
178, 210) }
```

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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