

Converting Colors

CIELCh(78, 26.789, 331.439)

Have a look what the booklet for
CIELCh(78, 26.789, 331.439)
contains.

CIELCh(78, 27.079, 331.420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 27.079, 331.420)

Conversions

Conversions Part 1

Format	Color
Hex	E2B2D9
RGB	226, 178, 217
RGB Percent	89%, 70%, 85%
CMY	0.1124, 0.3007, 0.1478
CMYK	0.00, 0.21, 0.04, 0.11
HSL	311°, 46%, 79%
HSV	311°, 21%, 89%
XYZ	60.0142, 53.2120, 72.9721
YIQ	196.7980, 16.0890, 22.3050

Conversions

Conversions Part 2

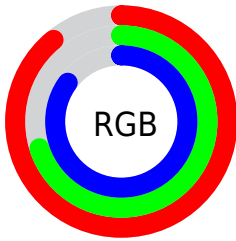
Format	Color
R_{YB}	226, 178, 217
Decimal	14856921
CIE _{Lab}	78.00, 23.78, -12.95
CIE _{LCh}	78, 27.079, 331.420
Yxy	53.2120, 0.3223, 0.2858
Android (android.graphics.Color)	4293047001 (0xFFE2B2D9)
YUV	196.7980, 9.9596, 25.6102
Hunter-Lab	72.9466, 19.1981, -8.2481

Details

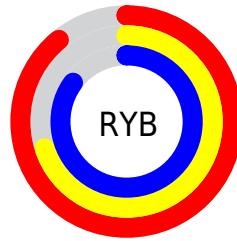
The CIELCh color **78, 27.079, 331.420** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 26.977, 148.605**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.109, 324.873**, and **58, 26.959, 331.386** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.796, 332.087**, and if you desaturate by 10%, it is **84, 14.253, 330.768**.

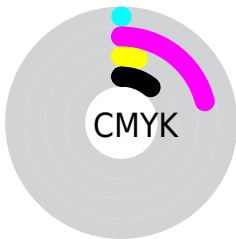
Distribution



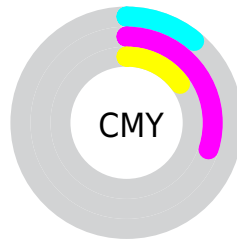
- Red (89%)
- Green (70%)
- Blue (85%)



- Red (89%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 27.079, 331.420 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, 27.079, 331.420 by changing the saturation by 10% instead.

 78, 27.079,
331.420

 78, 27.079,
331.420

 100, 27.079,
331.420


 68, 27.079,
331.420


 98, 27.079,
331.420

 58, 27.079,
331.420

 48, 27.079,
331.420

 38, 27.079,
331.420

 28, 27.079,
331.420

 18, 27.079,
331.420

 8, 27.079, 331.420

■ 0, 27.079, 331.420

■ 78, 27.079,
331.420

■ 78, 27.079,
331.420

■ 73, 39.796,
332.087

■ 84, 14.253,
330.768

■ 68, 52.098,
332.769

■ 89, 1.537, 329.955

■ 63, 63.557,
333.470

■ 95, 10.938,
149.610

■ 59, 73.641,
334.194

■ 98, 14.692,
152.649

■ 56, 81.772,
334.953

■ 98, 13.160,
159.009

■ 54, 87.445,
335.768

■ 98, 11.820,
166.888

■ 52, 90.400,
336.672

■ 98, 10.744,
176.522

■ 51, 91.105,
337.555

■ 98, 10.019,
187.885

■ 98, 9.736, 198.859

Harmonies

Complementary

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



78, 27.079, 331.420



86, 26.977, 148.605

Rectangle

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



78, 27.079, 331.420



78, 27.079, 21.420



78, 27.079, 151.420



78, 27.079, 201.420

Sweetspot

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



78, 27.076, 331.421



96, 8.373, 330.424



75, 26.220, 299.064



51, 5.556, 330.469



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, 27.076, 331.421



85, 35.162, 331.682



77, 19.772, 356.981



44, 7.160, 330.652



40, 75.655, 337.369



7, 31.644, 335.609

Inverse Universe

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



78, 27.076, 331.421



85, 35.162, 331.682



86, 18.655, 172.798



44, 7.160, 330.652



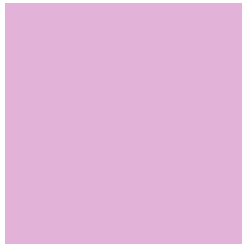
40, 75.655, 337.369



7, 31.644, 335.609

Previews

White Background



This preview shows how the CIELCh color 78, 27.079, 331.420 looks on a white background.

Color Contrast Check

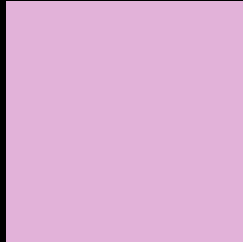
Large Text (above 18pt) WCAG AA × Fail

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, 27.079, 331.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

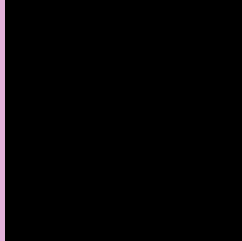
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 27.079, 331.420

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.079, 331.420.



This preview shows how white text looks on a background with the CIELCh color 78, 27.079, 331.420.

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, 17.054, 354.960

Trichromacy



Original Color
78, 27.079, 331.420

Protanomaly
78, 19.999, 305.958

Deuteranomaly
78, 19.586, 319.836

Tritanomaly
78, 20.048, 343.428

Monochromacy



Original Color
78, 27.079, 331.420

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.004, 331.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.079, 331.420 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(226, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 217)  
}
```

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(226, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.079, 331.420 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(226, 178, 217) }
```

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

```
.border{ border-color:rgb(226, 178, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 178, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 178, 217); box-shadow:4px 4px 4px 4px rgb(226, 178, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.079, 331.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 217) }
```

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

```
.background{ background-color: rgb(226,  
178, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor