

Converting Colors

CIELCh(78, 29.872, 330.651)

Have a look what the booklet for
CIELCh(78, 29.872, 330.651)
contains.

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Color

CIELCh(78, 29.564, 331.009)

Conversions

Conversions Part 1

Format	Color
Hex	E5B1DC
RGB	229, 177, 220
RGB Percent	90%, 69%, 86%
CMY	0.1023, 0.3062, 0.1376
CMYK	0.00, 0.23, 0.04, 0.10
HSL	310°, 50%, 80%
HSV	310°, 23%, 90%
XYZ	60.8915, 53.2120, 74.7050
YIQ	197.4500, 17.1890, 24.3970

Conversions

Conversions Part 2

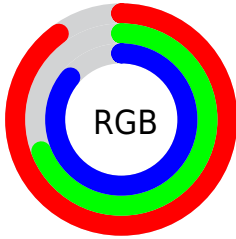
Format	Color
R _Y B	229, 177, 220
Decimal	15053276
CIE Lab	78.00, 25.86, -14.33
CIE LCh	78, 29.564, 331.009
Yxy	53.2120, 0.3225, 0.2818
Android (android.graphics.Color)	4293243356 (0xFFE5B1DC)
YUV	197.4500, 11.1171, 27.6693
Hunter-Lab	72.9466, 21.3449, -9.6567

Details

The CIELCh color **78, 29.564, 331.009** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 29.464, 147.999**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **58, 29.547, 330.997** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.481, 331.665**, and if you desaturate by 10%, it is **84, 16.491, 330.365**.

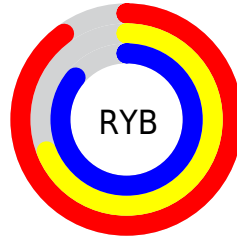
Distribution



Red (90%)

Green (69%)

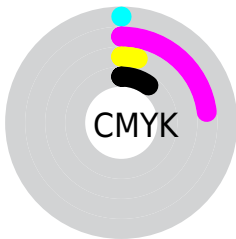
Blue (86%)



Red (90%)

Yellow (69%)

Blue (86%)

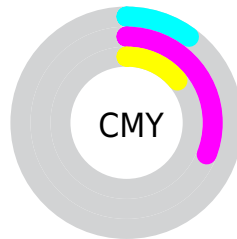


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.564, 331.009 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, 29.564, 331.009 by changing the saturation by 10% instead.


 78, 29.564,
331.009

 78, 29.564,
331.009


 100, 29.564,
331.009

 68, 29.564,
331.009


 98, 29.564,
331.009

 58, 29.564,
331.009

 48, 29.564,
331.009

 38, 29.564,
331.009

 28, 29.564,
331.009

 18, 29.564,
331.009

 8, 29.564, 331.009

■ 0, 29.564, 331.009

■ 78, 29.564,
331.009

■ 78, 29.564,
331.009

■ 73, 42.481,
331.665

■ 84, 16.491,
330.365

■ 68, 54.914,
332.332

■ 89, 3.499, 329.675

■ 63, 66.408,
333.012

■ 95, 9.265, 149.215

■ 59, 76.414,
333.707

■ 98, 13.519,
152.131

■ 56, 84.350,
334.427

■ 98, 12.080,
158.536

■ 54, 89.734,
335.193

■ 98, 10.820,
166.513

■ 98, 9.811, 176.320

■ 53, 92.365,
336.033

■ 98, 9.137, 187.935

■ 52, 92.898,
336.700

■ 98, 8.885, 198.918

Harmonies

Complementary

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



78, 29.564, 331.009



86, 29.464, 147.999

Rectangle

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



78, 29.564, 331.009



78, 29.564, 21.009



78, 29.564, 151.009



78, 29.564, 201.009

Sweetspot

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



78, 29.561, 331.009



96, 9.876, 329.998



74, 28.385, 298.624



51, 6.419, 330.038



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, 29.561, 331.009



83, 38.349, 331.299



77, 21.581, 356.025



45, 7.368, 330.156



41, 77.293, 336.537



8, 33.099, 335.048

Inverse Universe

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



78, 29.561, 331.009



83, 38.349, 331.299



87, 20.352, 171.516



45, 7.368, 330.156



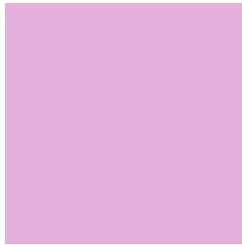
41, 77.293, 336.537



8, 33.099, 335.048

Previews

White Background



This preview shows how the CIELCh color 78, 29.564, 331.009 looks on a white background.

Color Contrast Check

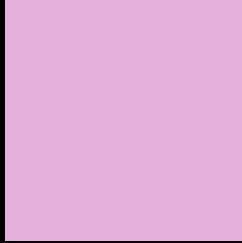
Large Text (above 18pt) WCAG AA × Fail

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, 29.564, 331.009 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, 29.564, 331.009

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.564, 331.009.

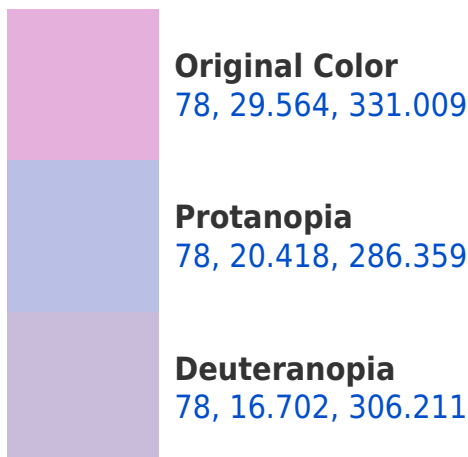


This preview shows how white text looks on a background with the CIELCh color 78, 29.564, 331.009.

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, 29.564, 331.009

Protanomaly
78, 22.175, 305.565

Deuteranomaly
78, 21.152, 318.637

Tritanomaly
78, 21.544, 344.884

Monochromacy



Original Color
78, 29.564, 331.009

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.642, 331.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.564, 331.009 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(229, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 220)  
}
```

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(229, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.564, 331.009 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(229, 177, 220) }
```

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

```
.border{ border-color:rgb(229, 177, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.564, 331.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 220) }
```

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

```
.background{ background-color: rgb(229,  
177, 220) }
```

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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