

Converting Colors

CIELCh(78, 24.637, 321.107)

Have a look what the booklet for
CIELCh(78, 24.637, 321.107)
contains.

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Color

CIELCh(78, 24.659, 321.111)

Conversions

Conversions Part 1

Format	Color
Hex	D8B6DE
RGB	216, 182, 222
RGB Percent	85%, 71%, 87%
CMY	0.1537, 0.2870, 0.1302
CMYK	0.03, 0.18, 0.00, 0.13
HSL	291°, 38%, 79%
HSV	291°, 18%, 87%
XYZ	58.1099, 53.2120, 76.1787
YIQ	196.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

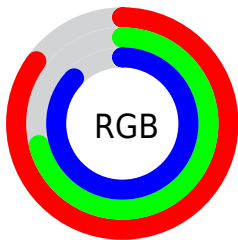
Format	Color
RYB	216, 182, 222
Decimal	14202590
CIELab	78.00, 19.19, -15.48
CIELCh	78, 24.659, 321.111
Yxy	53.2120, 0.3099, 0.2838
Android (android.graphics.Color)	4292392670 (0xFFD8B6DE)
YUV	196.7260, 12.4601, 16.9033
Hunter-Lab	72.9466, 14.5384, -10.8545

Details

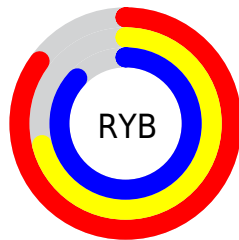
The CIELCh color $78, 24.659, 321.111$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85, 24.498, 139.356$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $58, 24.702, 321.075$ is the 20% darker color. If you saturate the color by 10%, you get $72, 38.468, 321.575$, and if you desaturate by 10%, it is $84, 10.903, 320.633$.

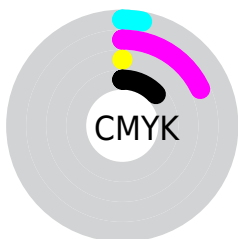
Distribution



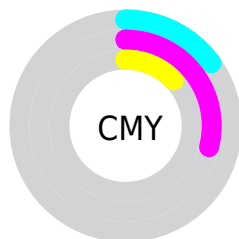
- Red (85%)
- Green (71%)
- Blue (87%)



- Red (85%)
- Yellow (71%)
- Blue (87%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (29%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 24.659, 321.111 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, 24.659, 321.111 by changing the saturation by 10% instead.


 78, 24.659,
321.111


 78, 24.659,
321.111


 100, 24.659,
321.111


 68, 24.659,
321.111


 98, 24.659,
321.111

 58, 24.659,
321.111

 48, 24.659,
321.111

 38, 24.659,
321.111

 28, 24.659,
321.111

 18, 24.659,
321.111

 8, 24.659, 321.111

0, 24.659, 321.111

78, 24.659,
321.111

78, 24.659,
321.111

72, 38.468,
321.575

84, 10.903,
320.633

67, 52.099,
322.015

90, 2.638, 140.287

62, 65.201,
322.406

95, 15.874,
139.771

58, 77.302,
322.719

97, 19.344,
137.604

54, 87.826,
322.919

98, 18.782,
134.522

51, 96.169,
322.968

98, 18.276,
131.233

■ 49, 101.856,
322.833

■ 98, 17.834,
127.743

■ 47, 104.854,
322.505

■ 98, 17.462,
124.064

■ 47, 105.307,
322.431

■ 99, 17.166,
120.217

Harmonies

Complementary

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



78, 24.659, 321.111



85, 24.498, 139.356

Rectangle

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



78, 24.659, 321.111



78, 24.659, 11.111



78, 24.659, 141.111



78, 24.659, 191.111

Sweetspot

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



78, 24.657, 321.111



97, 7.586, 320.481



77, 18.000, 284.599



51, 5.178, 320.518



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, 24.657, 321.111



86, 33.758, 321.305



78, 20.418, 336.959



43, 7.647, 320.701



37, 87.601, 322.521



6, 33.864, 322.929

Inverse Universe

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



78, 15.519, 8.854



85, 21.453, 9.351



85, 20.228, 154.300



43, 4.722, 7.915



36, 71.756, 32.694



5, 23.721, 13.785

Previews

White Background



This preview shows how the CIELCh color 78, 24.659, 321.111 looks on a white background.

Color Contrast Check

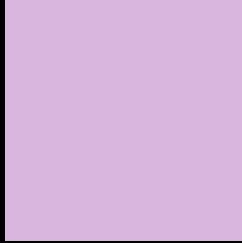
Large Text (above 18pt) WCAG AA × Fail

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, 24.659, 321.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

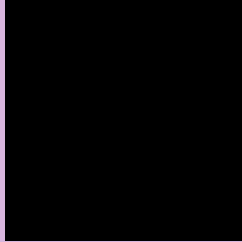
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.659, 321.111

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.659, 321.111.

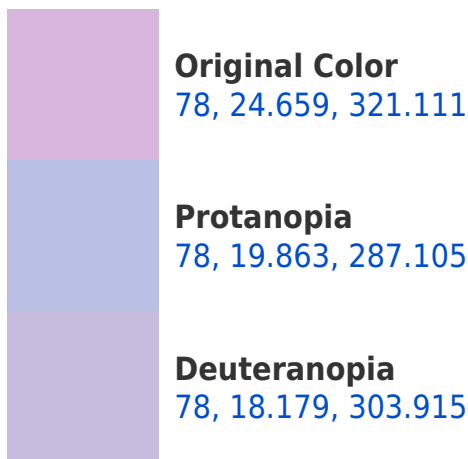


This preview shows how white text looks on a background with the CIELCh color 78, 24.659, 321.111.

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, 12.494, 343.690

Trichromacy



Original Color
78, 24.659, 321.111

Protanomaly
78, 20.680, 300.592

Deuteranomaly
78, 20.012, 311.248

Tritanomaly
78, 16.904, 331.387

Monochromacy



Original Color
78, 24.659, 321.111

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 9.352, 321.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.659, 321.111 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(216, 182, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 222)  
}
```

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(216, 182, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.659, 321.111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

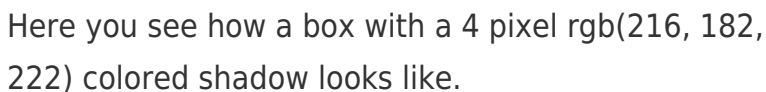
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 182, 222) }
```

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

```
.border{ border-color:rgb(216, 182, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 182, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 182, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 182, 222); box-shadow:4px 4px 4px 4px rgb(216, 182, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.659, 321.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 222) }
```

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

```
.background{ background-color: rgb(216,  
182, 222) }
```

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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