

Converting Colors

CIELCh(78, 24.853, 316.471)

Have a look what the booklet for
CIELCh(78, 24.853, 316.471)
contains.

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Color

CIELCh(78, 24.806, 316.218)

Conversions

Conversions Part 1

Format	Color
Hex	D4B7E1
RGB	212, 183, 225
RGB Percent	83%, 72%, 88%
CMY	0.1692, 0.2829, 0.1182
CMYK	0.06, 0.19, 0.00, 0.12
HSL	281°, 41%, 80%
HSV	281°, 19%, 88%
XYZ	57.5839, 53.2120, 78.3649
YIQ	196.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

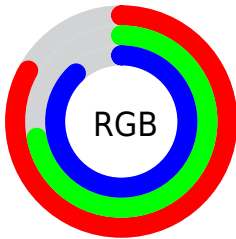
Format	Color
R _Y B	212, 183, 225
Decimal	13940705
CIE Lab	78.00, 17.91, -17.16
CIE LCh	78, 24.806, 316.218
Yxy	53.2120, 0.3044, 0.2813
Android (android.graphics.Color)	4292130785 (0xFFD4B7E1)
YUV	196.4590, 14.0707, 13.6295
Hunter-Lab	72.9466, 13.2513, -12.6313

Details

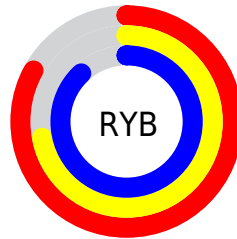
The CIELCh color **78, 24.806, 316.218** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 24.442, 134.594**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.976, 324.758**, and **58, 24.901, 315.920** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.378, 316.660**, and if you desaturate by 10%, it is **84, 11.406, 315.775**.

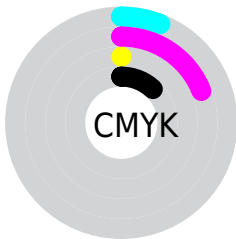
Distribution



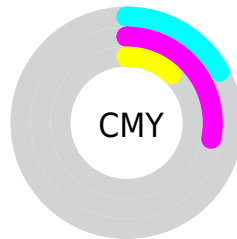
- Red (83%)
- Green (72%)
- Blue (88%)



- Red (83%)
- Yellow (72%)
- Blue (88%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (28%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.806, 316.218 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, 24.806, 316.218 by changing the saturation by 10% instead.

 78, 24.806,
316.218

 78, 24.806,
316.218

 100, 24.806,
316.218


 68, 24.806,
316.218


 98, 24.806,
316.218

 58, 24.806,
316.218

 48, 24.806,
316.218

 38, 24.806,
316.218

 28, 24.806,
316.218

 18, 24.806,
316.218

 8, 24.806, 316.218

0, 24.806, 316.218

78, 24.806,
316.218

78, 24.806,
316.218

72, 38.378,
316.660

84, 11.406,
315.775

66, 51.952,
317.089

90, 1.710, 135.492

61, 65.240,
317.477

97, 14.488,
135.004

56, 77.817,
317.783

98, 16.301,
128.814

51, 89.099,
317.953

99, 15.588,
120.218

47, 98.381,
317.923

99, 15.265,
110.916

■ 44, 104.991,
317.623

■ 99, 15.251,
109.025

■ 42, 108.746,
317.026

■ 42, 109.162,
316.941

Harmonies

Complementary

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



78, 24.806, 316.218



86, 24.442, 134.594

Rectangle

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



78, 24.806, 316.218



78, 24.806, 6.218



78, 24.806, 136.218



78, 24.806, 186.218

Sweetspot

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



78, 24.804, 316.218



96, 8.713, 315.657



79, 15.857, 275.060



51, 5.783, 315.687



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, 24.804, 316.218



85, 32.457, 316.372



79, 23.766, 331.105



44, 7.460, 315.809



32, 90.798, 317.098



5, 34.789, 317.442

Inverse Universe

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



78, 17.182, 357.169



86, 22.552, 357.587



86, 23.685, 148.672



44, 5.125, 356.140



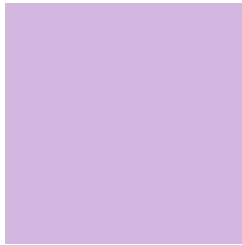
37, 66.016, 20.020



6, 25.377, 7.178

Previews

White Background



This preview shows how the CIELCh color 78, 24.806, 316.218 looks on a white background.

Color Contrast Check

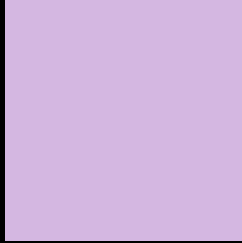
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 24.806, 316.218 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, 24.806, 316.218

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.806, 316.218.



This preview shows how white text looks on a background with the CIELCh color 78, 24.806, 316.218.

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



Original Color

78, 24.806, 316.218

Protanopia

78, 20.950, 286.562

Deuteranopia

78, 19.623, 301.007



Tritanopia
78, 11.166, 334.364

Trichromacy



Original Color
78, 24.806, 316.218

Protanomaly
78, 21.647, 298.429

Deuteranomaly
78, 21.227, 307.131

Tritanomaly
78, 16.022, 323.975

Monochromacy



Original Color
78, 24.806, 316.218

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 9.005, 317.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.806, 316.218 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(212, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 225)  
}
```

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(212, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.806, 316.218 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(212, 183, 225) }
```

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

```
.border{ border-color:rgb(212, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 183,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.806, 316.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 225) }
```

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

```
.background{ background-color: rgb(212,  
183, 225) }
```

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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