

Converting Colors

CIELCh(78, 22.783, 314.573)

Have a look what the booklet for
CIELCh(78, 22.783, 314.573)
contains.

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Color

CIELCh(78, 22.783, 314.573)

Conversions

Conversions Part 1

Format	Color
Hex	D1B8DF
RGB	209, 184, 223
RGB Percent	82%, 72%, 87%
CMY	0.1801, 0.2781, 0.1252
CMYK	0.06, 0.17, 0.00, 0.13
HSL	278°, 38%, 80%
HSV	278°, 17%, 87%
XYZ	56.8036, 53.2120, 77.1461
YIQ	195.9210, 2.3810, 17.4290

Conversions

Conversions Part 2

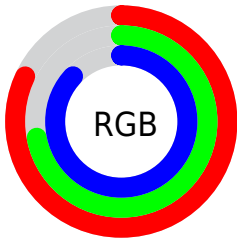
Format	Color
RYB	209, 184, 223
Decimal	13744351
CIELab	78.00, 15.99, -16.23
CIELCh	78, 22.783, 314.573
Yxy	53.2120, 0.3035, 0.2843
Android (android.graphics.Color)	4291934431 (0xFFD1B8DF)
YUV	195.9210, 13.3499, 11.4703
Hunter-Lab	72.9466, 11.3417, -11.6407

Details

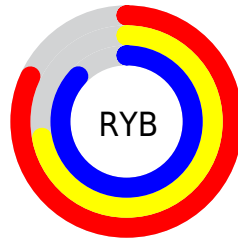
The CIELCh color $78, 22.783, 314.573$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 22.411, 133.074$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.351, 324.734$, and $58, 22.786, 314.128$ is the 20% darker color. If you saturate the color by 10%, you get $72, 36.148, 315.024$, and if you desaturate by 10%, it is $84, 9.642, 314.128$.

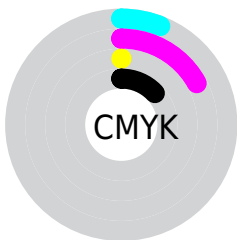
Distribution



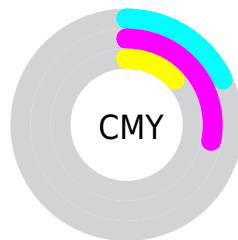
- Red (82%)
- Green (72%)
- Blue (87%)



- Red (82%)
- Yellow (72%)
- Blue (87%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)





- Cyan (18%)
- Magenta (28%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.783, 314.573 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, 22.783, 314.573 by changing the saturation by 10% instead.


 78, 22.783,
314.573

 78, 22.783,
314.573


 100, 22.783,
314.573


 68, 22.783,
314.573


 98, 22.783,
314.573

 58, 22.783,
314.573

 48, 22.783,
314.573

 38, 22.783,
314.573

 28, 22.783,
314.573

 18, 22.783,
314.573

 8, 22.783, 314.573

■ 0, 22.783, 314.573

■ 78, 22.783,
314.573

■ 78, 22.783,
314.573

■ 72, 36.148,
315.024

■ 84, 9.642, 314.128

■ 90, 3.188, 133.793

■ 66, 49.596,
315.470

■ 97, 15.668,
133.371

■ 60, 62.882,
315.886

■ 98, 16.982,
126.174

■ 55, 75.622,
316.232

■ 99, 16.312,
116.499

■ 50, 87.267,
316.450

■ 99, 16.146,
108.957

■ 46, 97.107,
316.468

■ 43, 104.397,
316.207

■ 40, 108.717,
315.611

■ 40, 109.580,
315.441

Harmonies

Complementary

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



78, 22.783, 314.573



86, 22.411, 133.074

Rectangle

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



78, 22.783, 314.573



78, 22.783, 4.573



78, 22.783, 134.573



78, 22.783, 184.573

Sweetspot

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



78, 22.781, 314.572



97, 7.162, 314.016



80, 13.921, 270.864



51, 4.890, 314.049



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, 22.781, 314.572



86, 30.614, 314.738



79, 22.882, 329.336



44, 7.368, 314.215



31, 91.672, 315.607



5, 34.464, 315.616

Inverse Universe

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



79, 16.344, 353.694



86, 22.002, 354.114



85, 22.831, 147.155



44, 5.263, 352.830



37, 64.803, 15.403



6, 25.514, 4.321

Previews

White Background



This preview shows how the CIELCh color 78, 22.783, 314.573 looks on a white background.

Color Contrast Check

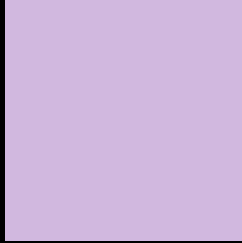
Large Text (above 18pt) WCAG AA × Fail

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, 22.783, 314.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

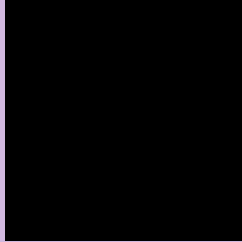
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.783, 314.573

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.783, 314.573.



This preview shows how white text looks on a background with the CIELCh color 78, 22.783, 314.573.

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, 22.783, 314.573

Protanopia

78, 19.863, 287.105

Deuteranopia

78, 18.632, 302.538



Tritanopia
78, 10.023, 331.837

Trichromacy



Original Color
78, 22.783, 314.573

Protanomaly
78, 20.543, 297.744

Deuteranomaly
78, 19.572, 307.325

Tritanomaly
78, 14.340, 321.347

Monochromacy



Original Color
78, 22.783, 314.573

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.206, 314.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.783, 314.573 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(209, 184, 223)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 223)  
}
```

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(209, 184, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.783, 314.573 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(209, 184, 223) }
```

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

```
.border{ border-color:rgb(209, 184, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 223);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.783, 314.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 223) }
```

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

```
.background{ background-color: rgb(209,  
184, 223) }
```

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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