

Converting Colors

CIELCh(71, 33.931, 328.828)

Have a look what the booklet for
CIELCh(71, 33.931, 328.828)
contains.

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Color

CIELCh(71, 33.805, 329.031)

Conversions

Conversions Part 1

Format	Color
Hex	D49CCE
RGB	212, 156, 206
RGB Percent	83%, 61%, 81%
CMY	0.1689, 0.3885, 0.1925
CMYK	0.00, 0.26, 0.03, 0.17
HSL	306°, 39%, 72%
HSV	306°, 26%, 83%
XYZ	50.1334, 42.1875, 63.8409
YIQ	178.4440, 17.3260, 27.4220

Conversions

Conversions Part 2

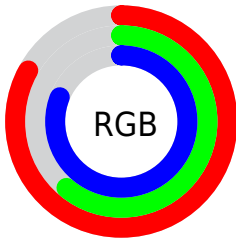
Format	Color
RYB	212, 156, 206
Decimal	13933774
CIELab	71.00, 28.99, -17.40
CIELCh	71, 33.805, 329.031
Yxy	42.1875, 0.3210, 0.2702
Android (android.graphics.Color)	4292123854 (0xFFD49CCE)
YUV	178.4440, 13.5851, 29.4286
Hunter-Lab	64.9519, 24.1102, -12.8095

Details

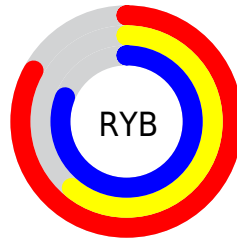
The CIELCh color **71, 33.805, 329.031** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80, 33.753, 145.633**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **51, 34.035, 329.015** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.352, 329.627**, and if you desaturate by 10%, it is **76, 20.987, 328.433**.

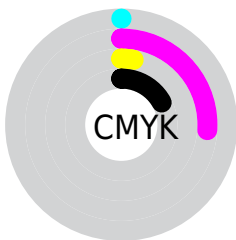
Distribution



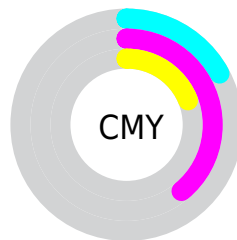
- Red (83%)
- Green (61%)
- Blue (81%)



- Red (83%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (39%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 33.805, 329.031 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 71, 33.805, 329.031 by changing the saturation by 10% instead.


 71, 33.805,
329.031


 71, 33.805,
329.031


 100, 33.805,
329.031


 61, 33.805,
329.031


 91, 33.805,
329.031

 51, 33.805,
329.031

 41, 33.805,
329.031

 31, 33.805,
329.031

 21, 33.805,
329.031

 11, 33.805,
329.031

 1, 33.805, 329.031

0, 33.805, 329.031

71, 33.805,
329.031

71, 33.805,
329.031

66, 46.352,
329.627

76, 20.987,
328.433

62, 58.273,
330.212

81, 8.164, 327.825

58, 69.101,
330.781

87, 4.493, 147.355

92, 16.876,
146.754

55, 78.303,
331.328

96, 24.746,
146.910

52, 85.362,
331.854

96, 23.827,
148.593

50, 89.919,
332.366

96, 22.927,

■ 49, 91.942,
332.880

150.404

■ 49, 92.337,
333.065

■ 96, 22.048,
152.356

■ 96, 21.194,
154.460

Harmonies

Complementary

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



71, 33.805, 329.031



80, 33.753, 145.633

Rectangle

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



71, 33.805, 329.031



71, 33.805, 19.031



71, 33.805, 149.031



71, 33.805, 199.031

Sweetspot

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



71, 33.803, 329.031



95, 11.830, 327.929



67, 31.132, 296.713



50, 8.415, 328.022



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 33.803, 329.031



81, 47.467, 329.384



70, 24.484, 352.071



42, 7.291, 328.011



39, 78.744, 332.986



6, 30.470, 331.854

Inverse Universe

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



71, 33.803, 329.031



81, 47.467, 329.384



81, 23.241, 166.888



42, 7.291, 328.011



39, 78.744, 332.986



6, 30.470, 331.854

Previews

White Background



This preview shows how the CIELCh color 71, 33.805, 329.031 looks on a white background.

Color Contrast Check

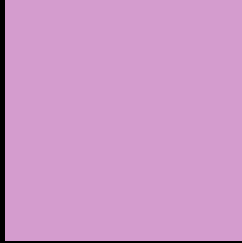
Large Text (above 18pt) WCAG AA × Fail

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 71, 33.805, 329.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

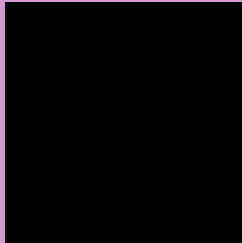
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 33.805, 329.031

Background



This preview shows how black text looks on a background with the CIELCh color 71, 33.805, 329.031.

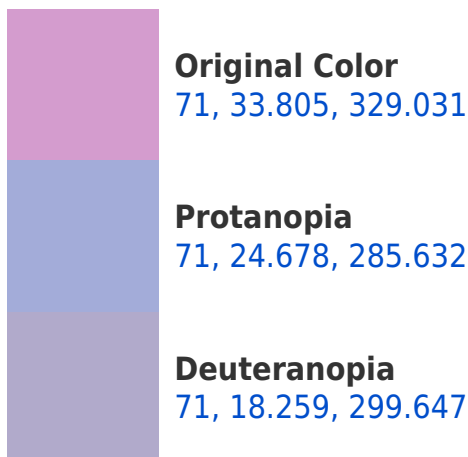



This preview shows how white text looks on a background with the CIELCh color 71, 33.805, 329.031.

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
71, 18.837, 1.023

Trichromacy



Original Color
71, 33.805, 329.031

Protanomaly
71, 26.342, 303.895

Deuteranomaly
71, 23.203, 314.642

Tritanomaly
71, 23.148, 344.056

Monochromacy



Original Color
71, 33.805, 329.031

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 12.336, 327.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 33.805, 329.031 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, 156, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 156, 206)  
}
```

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, 156, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 156, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 33.805, 329.031 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, 156, 206) }
```

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

```
.border{ border-color:rgb(212, 156, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 156, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 156, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 156, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 156,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 33.805, 329.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 156, 206) }
```

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

```
.background{ background-color: rgb(212,  
156, 206) }
```

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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