

Converting Colors

CIELCh(71, 31.082, 315.716)

Have a look what the booklet for
CIELCh(71, 31.082, 315.716)
contains.

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Color

CIELCh(71, 31.058, 315.914)

Conversions

Conversions Part 1

Format	Color
Hex	C4A1D5
RGB	196, 161, 213
RGB Percent	77%, 63%, 84%
CMY	0.2302, 0.3675, 0.1635
CMYK	0.08, 0.24, 0.00, 0.16
HSL	280°, 38%, 73%
HSV	280°, 24%, 84%
XYZ	47.6884, 42.1875, 68.7835
YIQ	177.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

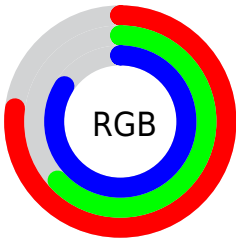
Format	Color
R _Y B	196, 161, 213
Decimal	12886485
CIE Lab	71.00, 22.31, -21.61
CIE LCh	71, 31.058, 315.914
Yxy	42.1875, 0.3006, 0.2659
Android (android.graphics.Color)	4291076565 (0xFFC4A1D5)
YUV	177.3930, 17.5543, 16.3183
Hunter-Lab	64.9519, 17.3909, -17.3213

Details

The CIELCh color `71, 31.058, 315.914` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `82, 30.433, 133.762`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 24.057, 323.846`, and `51, 31.067, 316.190` is the 20% darker color. If you saturate the color by 10%, you get `65, 44.063, 316.354`, and if you desaturate by 10%, it is `77, 18.150, 315.471`.

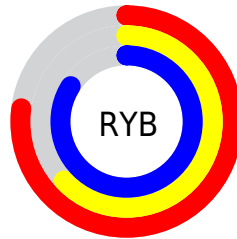
Distribution



Red (77%)

Green (63%)

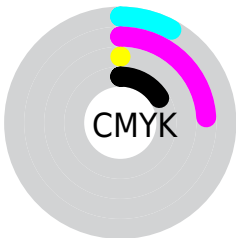
Blue (84%)



Red (77%)

Yellow (63%)

Blue (84%)

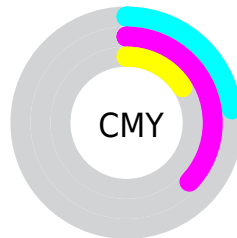


Cyan (8%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (23%)


Magenta (37%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 31.058, 315.914 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, 31.058, 315.914 by changing the saturation by 10% instead.


 71, 31.058,
315.914


 71, 31.058,
315.914


 100, 31.058,
315.914


 61, 31.058,
315.914


 91, 31.058,
315.914

 51, 31.058,
315.914

 41, 31.058,
315.914

 31, 31.058,
315.914

 21, 31.058,
315.914

 11, 31.058,
315.914

 1, 31.058, 315.914

■ 0, 31.058, 315.914

■ 71, 31.058,
315.914

■ 71, 31.058,
315.914

■ 65, 44.063,
316.354

■ 77, 18.150,
315.471

■ 60, 56.956,
316.768

■ 83, 5.473, 315.023

■ 55, 69.401,
317.123

■ 89, 6.901, 134.682

■ 95, 18.936,
134.295

■ 50, 80.914,
317.369

■ 97, 22.923,
130.815

■ 46, 90.861,
317.444

■ 98, 22.042,
124.846

■ 43, 98.548,
317.275

■ 98, 21.424,

■ 40, 103.434,
316.799

118.364

■ 39, 105.252,
316.434

■ 99, 21.106,
111.510

■ 99, 21.068,
108.582

Harmonies

Complementary

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



71, 31.058, 315.914



82, 30.433, 133.762

Rectangle

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



71, 31.058, 315.914



71, 31.058, 5.914



71, 31.058, 135.914



71, 31.058, 185.914

Sweetspot

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



71, 31.056, 315.914



95, 10.130, 315.148



73, 19.544, 274.727



50, 6.587, 315.175



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, 31.056, 315.914



80, 42.844, 316.131



72, 30.104, 330.887



42, 7.148, 315.252



31, 89.123, 316.586



4, 30.408, 315.627

Inverse Universe

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



72, 21.864, 356.660



81, 30.257, 357.301



81, 30.010, 147.656



42, 4.976, 354.954



36, 64.086, 18.286



5, 22.372, 4.829

Previews

White Background



This preview shows how the CIELCh color 71, 31.058, 315.914 looks on a white background.

Color Contrast Check

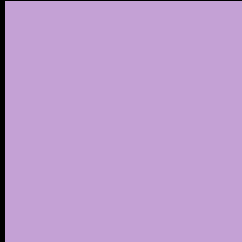
Large Text (above 18pt) WCAG AA × Fail

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, 31.058, 315.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

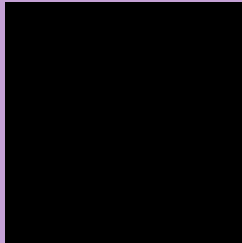
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 31.058, 315.914

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.058, 315.914.



This preview shows how white text looks on a background with the CIELCh color 71, 31.058, 315.914.

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, 11.510, 342.455

Trichromacy



Original Color
71, 31.058, 315.914

Protanomaly
71, 27.484, 297.009

Deuteranomaly
71, 25.182, 303.554

Tritanomaly
71, 18.034, 326.197

Monochromacy



Original Color
71, 31.058, 315.914

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 11.451, 315.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.058, 315.914 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(196, 161, 213)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 213)  
}
```

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(196, 161, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.058, 315.914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

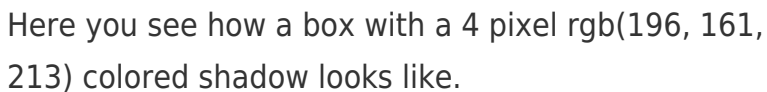
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 161, 213) }
```

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

```
.border{ border-color:rgb(196, 161, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 161, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 161, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 161, 213); box-shadow:4px 4px 4px 4px rgb(196, 161, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.058, 315.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 213) }
```

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

```
.background{ background-color: rgb(196,  
161, 213) }
```

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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