

Converting Colors

CIELCh(75, 23.739, 315.718)

Have a look what the booklet for
CIELCh(75, 23.739, 315.718)
contains.

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Color

CIELCh(75, 23.739, 315.718)

Conversions

Conversions Part 1

Format	Color
Hex	CAAFD7
RGB	202, 175, 215
RGB Percent	79%, 69%, 84%
CMY	0.2068, 0.3127, 0.1558
CMYK	0.06, 0.19, 0.00, 0.16
HSL	280°, 33%, 77%
HSV	280°, 19%, 84%
XYZ	52.1136, 48.2781, 71.0477
YIQ	187.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

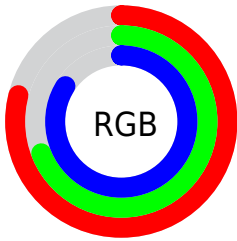
Format	Color
RYB	202, 175, 215
Decimal	13283287
CIELab	75.00, 17.00, -16.57
CIELCh	75, 23.739, 315.718
Yxy	48.2781, 0.3040, 0.2816
Android (android.graphics.Color)	4291473367 (0xFFCAA7D7)
YUV	187.6330, 13.4919, 12.5999
Hunter-Lab	69.4824, 12.2853, -11.9879

Details

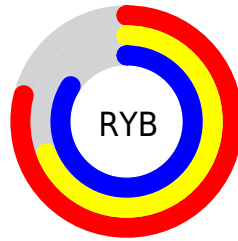
The CIELCh color **75, 23.739, 315.718** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83, 23.373, 134.114**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.992, 324.942**, and **55, 23.973, 316.220** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.807, 316.161**, and if you desaturate by 10%, it is **81, 10.851, 315.276**.

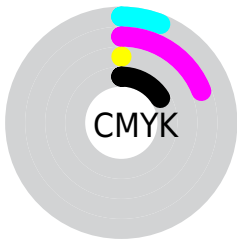
Distribution



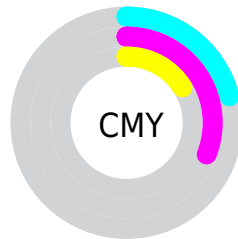
- Red (79%)
- Green (69%)
- Blue (84%)



- Red (79%)
- Yellow (69%)
- Blue (84%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (31%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.739, 315.718 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 75, 23.739, 315.718 by changing the saturation by 10% instead.


 75, 23.739,
315.718


 75, 23.739,
315.718


 100, 23.739,
315.718


 65, 23.739,
315.718


 95, 23.739,
315.718

 55, 23.739,
315.718

 45, 23.739,
315.718

 35, 23.739,
315.718

 25, 23.739,
315.718

 15, 23.739,
315.718

 5, 23.739, 315.718

0, 23.739, 315.718

75, 23.739,
315.718

75, 23.739,
315.718

69, 36.807,
316.161

81, 10.851,
315.276

64, 49.897,
316.593

87, 1.756, 134.986

58, 62.744,
316.987

93, 14.034,
134.511

53, 74.948,
317.301

97, 22.138,
132.565

49, 85.955,
317.483

98, 21.190,
126.447

45, 95.081,
317.463

98, 20.510,
119.743

■ 42, 101.658,
317.170

■ 99, 20.139,
112.597

■ 40, 105.484,
316.576

■ 99, 20.077,
108.658

■ 40, 105.946,
316.486

Harmonies

Complementary

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



75, 23.739, 315.718



83, 23.373, 134.114

Rectangle

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



75, 23.739, 315.718



75, 23.739, 5.718



75, 23.739, 135.718



75, 23.739, 185.718

Sweetspot

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



75, 23.737, 315.717



96, 8.678, 315.163



76, 14.941, 273.753



51, 5.760, 315.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 23.737, 315.717



85, 32.344, 315.878



76, 23.096, 330.517



42, 7.151, 315.313



31, 89.090, 316.643



4, 30.425, 315.706

Inverse Universe

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



75, 16.621, 356.092



86, 22.708, 356.522



83, 23.027, 148.134



42, 4.971, 355.082



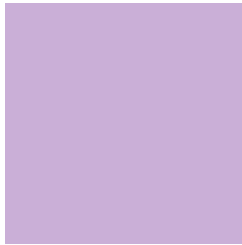
36, 64.134, 18.462



5, 22.365, 4.930

Previews

White Background



This preview shows how the CIELCh color 75, 23.739, 315.718 looks on a white background.

Color Contrast Check

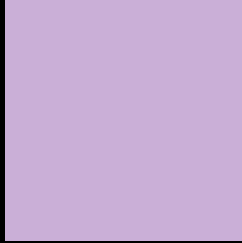
Large Text (above 18pt) WCAG AA × Fail

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 75, 23.739, 315.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

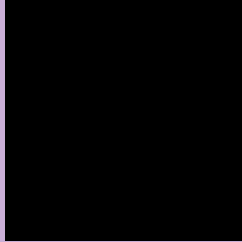
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.739, 315.718

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.739, 315.718.



This preview shows how white text looks on a background with the CIELCh color 75, 23.739, 315.718.

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
75, 10.613, 334.938

Trichromacy



Original Color
75, 23.739, 315.718

Protanomaly
75, 21.243, 297.688

Deuteranomaly
75, 20.357, 307.932

Tritanomaly
75, 14.842, 323.851

Monochromacy



Original Color
75, 23.739, 315.718

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.918, 314.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.739, 315.718 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(202, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 175, 215)  
}
```

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(202, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 175, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.739, 315.718 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(202, 175, 215) }
```

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

```
.border{ border-color:rgb(202, 175, 215) }
```

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

Here you see how a box with a 4 pixel rgb(202, 175, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 175,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.739, 315.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 175, 215) }
```

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

```
.background{ background-color: rgb(202,  
175, 215) }
```

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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