

Converting Colors

CIELCh(73, 41.739, 311.628)

Have a look what the booklet for
CIELCh(73, 41.739, 311.628)
contains.

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Color

CIELCh(73, 41.775, 311.259)

Conversions

Conversions Part 1

Format	Color
Hex	CAA4ED
RGB	202, 164, 237
RGB Percent	79%, 64%, 93%
CMY	0.2083, 0.3572, 0.0710
CMYK	0.15, 0.31, 0.00, 0.07
HSL	271°, 67%, 79%
HSV	271°, 31%, 93%
XYZ	52.8557, 45.1644, 85.9692
YIQ	183.6840, -0.7850, 30.7590

Conversions

Conversions Part 2

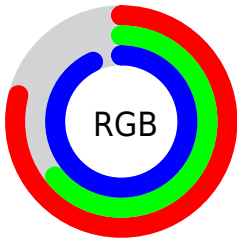
Format	Color
R _Y B	202, 164, 237
Decimal	13280493
CIE Lab	73.00, 27.55, -31.40
CIE LCh	73, 41.775, 311.259
Yxy	45.1644, 0.2873, 0.2455
Android (android.graphics.Color)	4291470573 (0xFFCAA4ED)
YUV	183.6840, 26.2848, 16.0631
Hunter-Lab	67.2044, 22.7809, -28.8018

Details

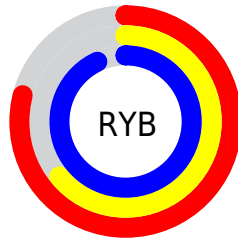
The CIELCh color $73, 41.775, 311.259$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $90, 40.080, 128.351$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $53, 41.723, 311.182$ is the 20% darker color. If you saturate the color by 10%, you get $66, 55.828, 311.786$, and if you desaturate by 10%, it is $80, 27.883, 310.743$.

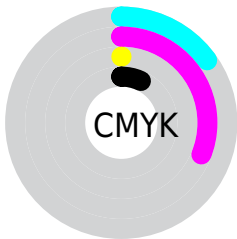
Distribution



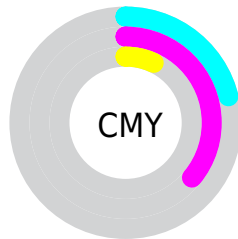
- Red (79%)
- Green (64%)
- Blue (93%)



- Red (79%)
- Yellow (64%)
- Blue (93%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)





- Cyan (21%)
- Magenta (36%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.775, 311.259 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 73, 41.775, 311.259 by changing the saturation by 10% instead.


 73, 41.775,
311.259


 73, 41.775,
311.259


 100, 41.775,
311.259


 63, 41.775,
311.259


 93, 41.775,
311.259

 53, 41.775,
311.259

 43, 41.775,
311.259

 33, 41.775,
311.259

 23, 41.775,
311.259

 13, 41.775,
311.259

 3, 41.775, 311.259

0, 41.775, 311.259

73, 41.775,
311.259

73, 41.775,
311.259

66, 55.828,
311.786

80, 27.883,
310.743

60, 69.805,
312.294

86, 14.292,
310.253

54, 83.296,
312.734

93, 1.066, 309.684

99, 9.603, 126.029

49, 95.669,
313.032

100, 9.166,
109.483

44, 106.061,
313.089

41, 113.537,
312.792

■ 38,117.689,
312.196

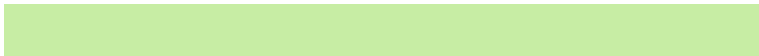
Harmonies

Complementary

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



73, 41.775, 311.259



90, 40.080, 128.351

Rectangle

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



73, 41.775, 311.259



73, 41.775, 1.259



73, 41.775, 131.259



73, 41.775, 181.259

Sweetspot

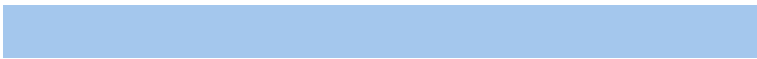
The Sweet Spot groups the original color and five complimentary colors.



73, 41.773, 311.259



94, 12.599, 310.169



79, 22.688, 262.157



49, 8.772, 310.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 41.773, 311.259



74, 53.577, 311.593



76, 45.806, 326.579



46, 7.437, 310.189



29, 96.051, 312.391



5, 37.781, 312.303

Inverse Universe

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



75, 32.757, 347.746



77, 41.783, 348.522



88, 45.818, 142.691



46, 5.879, 345.535



39, 65.368, 3.889



8, 28.427, 356.789

Previews

White Background



This preview shows how the CIELCh color 73, 41.775, 311.259 looks on a white background.

Color Contrast Check

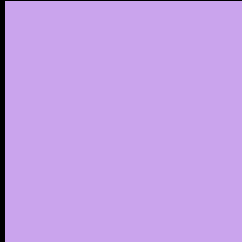
Large Text (above 18pt) WCAG AA × Fail

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 73, 41.775, 311.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

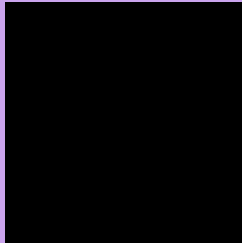
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 41.775, 311.259

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.775, 311.259.

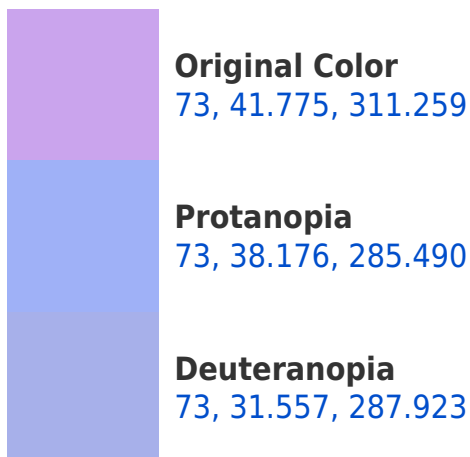


This preview shows how white text looks on a background with the CIELCh color 73, 41.775, 311.259.

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
73, 10.293, 337.084

Trichromacy



Original Color
73, 41.775, 311.259

Protanomaly
73, 38.651, 295.172

Deuteranomaly
73, 34.432, 297.695

Tritanomaly
73, 21.433, 318.682

Monochromacy



Original Color
73, 41.775, 311.259

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 15.030, 310.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.775, 311.259 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, 164, 237)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 237)  
}
```

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, 164, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.775, 311.259 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, 164, 237) }
```

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

```
.border{ border-color:rgb(202, 164, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 237);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.775, 311.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 237) }
```

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

```
.background{ background-color: rgb(202,  
164, 237) }
```

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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