

Converting Colors

CIELCh(73, 25.735, 310.050)

Have a look what the booklet for
CIELCh(73, 25.735, 310.050)
contains.

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Color

CIELCh(73, 25.875, 310.426)

Conversions

Conversions Part 1

Format	Color
Hex	C1AAD7
RGB	193, 170, 215
RGB Percent	76%, 67%, 84%
CMY	0.2419, 0.3321, 0.1556
CMYK	0.10, 0.21, 0.00, 0.16
HSL	271°, 36%, 76%
HSV	271°, 21%, 84%
XYZ	48.8101, 45.1644, 70.6486
YIQ	182.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

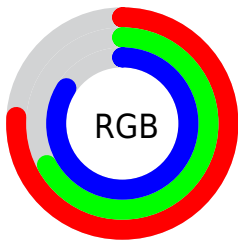
Format	Color
R_{YB}	193, 170, 215
Decimal	12692183
CIE _{Lab}	73.00, 16.78, -19.70
CIE _{LCh}	73, 25.875, 310.426
Yxy	45.1644, 0.2965, 0.2744
Android (android.graphics.Color)	4290882263 (0xFFC1AAD7)
YUV	182.0070, 16.2655, 9.6409
Hunter-Lab	67.2044, 12.0355, -15.2854

Details

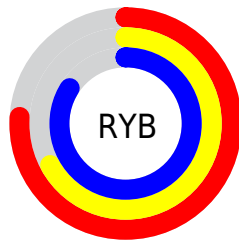
The CIELCh color `73, 25.875, 310.426` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `83, 25.162, 128.511`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 17.859, 320.324`, and `53, 25.619, 310.300` is the 20% darker color. If you saturate the color by 10%, you get `67, 38.714, 310.946`, and if you desaturate by 10%, it is `79, 13.314, 309.933`.

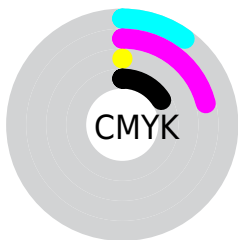
Distribution



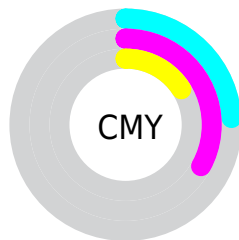
- Red (76%)
- Green (67%)
- Blue (84%)



- Red (76%)
- Yellow (67%)
- Blue (84%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)





- Cyan (24%)
- Magenta (33%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.875, 310.426 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, 25.875, 310.426 by changing the saturation by 10% instead.


 73, 25.875,
310.426


 73, 25.875,
310.426


 100, 25.875,
310.426


 63, 25.875,
310.426


 93, 25.875,
310.426

 53, 25.875,
310.426

 43, 25.875,
310.426

 33, 25.875,
310.426

 23, 25.875,
310.426

 13, 25.875,
310.426

 3, 25.875, 310.426

0, 25.875, 310.426

73, 25.875,
310.426

73, 25.875,
310.426

67, 38.714,
310.946

79, 13.314,
309.933

61, 51.718,
311.480

86, 1.097, 309.378

55, 64.670,
311.997

92, 10.756,
129.104

49, 77.202,
312.451

98, 21.396,
128.134

44, 88.743,
312.768

98, 20.371,
118.060

40, 98.502,
312.850

99, 20.057,
108.659

■ 37,105.607,
312.583

■ 34,109.682,
312.039

Harmonies

Complementary

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



73, 25.875, 310.426



83, 25.162, 128.511

Rectangle

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



73, 25.875, 310.426



73, 25.875, 0.426



73, 25.875, 130.426



73, 25.875, 180.426

Sweetspot

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



73, 25.873, 310.425



96, 8.349, 309.703



77, 14.095, 258.456



51, 5.543, 309.735



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, 25.873, 310.425



82, 35.689, 310.648



75, 29.144, 325.576



42, 6.886, 309.863



27, 92.156, 312.219



3, 29.049, 308.847

Inverse Universe

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



74, 20.556, 346.112



84, 28.292, 346.563



82, 29.126, 143.093



42, 5.489, 345.004



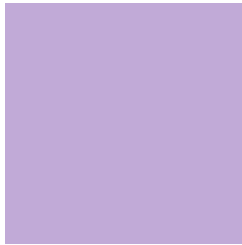
37, 62.702, 2.782



5, 23.419, 355.014

Previews

White Background



This preview shows how the CIELCh color 73, 25.875, 310.426 looks on a white background.

Color Contrast Check

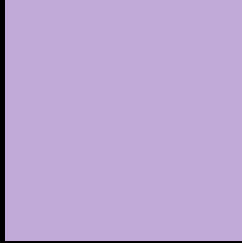
Large Text (above 18pt) WCAG AA × Fail

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, 25.875, 310.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

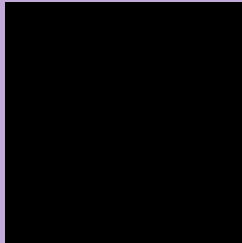
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.875, 310.426

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.875, 310.426.

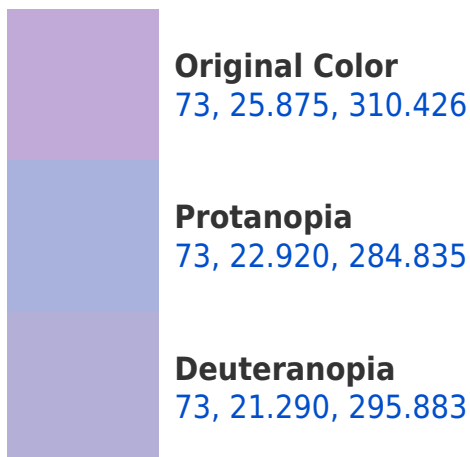



This preview shows how white text looks on a background with the CIELCh color 73, 25.875, 310.426.

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, 9.240, 324.817

Trichromacy



Original Color
73, 25.875, 310.426

Protanomaly
73, 23.433, 294.878

Deuteranomaly
73, 22.711, 301.893

Tritanomaly
73, 15.634, 316.025

Monochromacy



Original Color
73, 25.875, 310.426

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.197, 309.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.875, 310.426 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(193, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 170, 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(193, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 170, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.875, 310.426 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(193, 170, 215) }
```

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

```
.border{ border-color:rgb(193, 170, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 170,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.875, 310.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 170, 215) }
```

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

```
.background{ background-color: rgb(193,  
170, 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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