

Converting Colors

CIELCh(73, 38.276, 307.536)

Have a look what the booklet for
CIELCh(73, 38.276, 307.536)
contains.

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Color

CIELCh(73, 38.276, 307.536)

Conversions

Conversions Part 1

Format	Color
Hex	C3A7EB
RGB	195, 167, 235
RGB Percent	76%, 65%, 92%
CMY	0.2358, 0.3456, 0.0790
CMYK	0.17, 0.29, 0.00, 0.08
HSL	265°, 63%, 79%
HSV	265°, 29%, 92%
XYZ	51.2415, 45.1644, 84.5097
YIQ	183.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

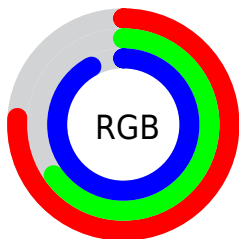
Format	Color
RYB	195, 167, 235
Decimal	12822507
CIELab	73.00, 23.32, -30.35
CIELCh	73, 38.276, 307.536
Yxy	45.1644, 0.2832, 0.2496
Android (android.graphics.Color)	4291012587 (0xFFC3A7EB)
YUV	183.1240, 25.5749, 10.4153
Hunter-Lab	67.2044, 18.4934, -27.5142

Details

The CIELCh color $73, 38.276, 307.536$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $90, 36.449, 124.473$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.095, 322.597$, and $53, 38.140, 307.247$ is the 20% darker color. If you saturate the color by 10%, you get $66, 52.179, 308.191$, and if you desaturate by 10%, it is $80, 24.680, 306.924$.

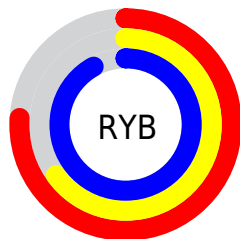
Distribution



Red (76%)

Green (65%)

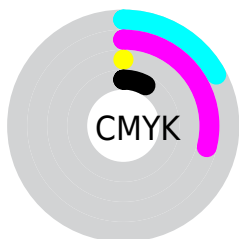
Blue (92%)



Red (76%)

Yellow (65%)

Blue (92%)

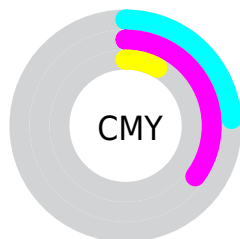


Cyan (17%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (35%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 38.276, 307.536 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, 38.276, 307.536 by changing the saturation by 10% instead.


 73, 38.276,
307.536


 73, 38.276,
307.536


 100, 38.276,
307.536


 63, 38.276,
307.536


 93, 38.276,
307.536

 53, 38.276,
307.536

 43, 38.276,
307.536

 33, 38.276,
307.536

 23, 38.276,
307.536

 13, 38.276,
307.536

 3, 38.276, 307.536

0, 38.276, 307.536

73, 38.276,
307.536

73, 38.276,
307.536

66, 52.179,
308.191

80, 24.680,
306.924

60, 66.229,
308.868

87, 11.474,
306.365

53, 80.107,
309.520

94, 1.314, 125.954

47, 93.263,
310.074

99, 10.364,
119.098

42, 104.834,
310.418

100, 10.193,
109.406

38, 113.712,
310.409

■ 35,119.184,
309.965

■ 35,119.681,
309.916

Harmonies

Complementary

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



73, 38.276, 307.536



90, 36.449, 124.473

Rectangle

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



73, 38.276, 307.536



73, 38.276, 357.536



73, 38.276, 127.536



73, 38.276, 177.536

Sweetspot

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



73, 38.274, 307.536



93, 12.338, 306.370



81, 19.189, 247.891



49, 8.593, 306.449



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, 38.274, 307.536



74, 49.889, 307.939



76, 42.141, 323.116



45, 7.283, 306.393



26, 98.290, 310.095



4, 37.218, 308.681

Inverse Universe

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



76, 32.681, 341.603



78, 42.205, 342.222



88, 41.894, 139.971



46, 6.332, 339.874



39, 67.254, 353.864



8, 29.649, 348.820

Previews

White Background



This preview shows how the CIELCh color 73, 38.276, 307.536 looks on a white background.

Color Contrast Check

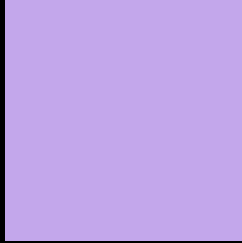
Large Text (above 18pt) WCAG AA × Fail

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, 38.276, 307.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

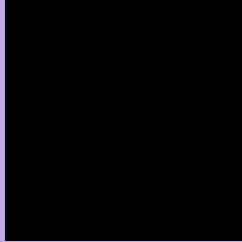
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 38.276, 307.536

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.276, 307.536.



This preview shows how white text looks on a background with the CIELCh color 73, 38.276, 307.536.

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



Original Color

73, 38.276, 307.536

Protanopia

73, 35.490, 284.987

Deuteranopia

73, 31.000, 288.349



Tritanopia
73, 8.184, 320.460

Trichromacy



Original Color
73, 38.276, 307.536

Protanomaly
73, 35.898, 293.537

Deuteranomaly
73, 33.255, 296.075

Tritanomaly
73, 19.017, 310.315

Monochromacy



Original Color
73, 38.276, 307.536

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.086, 306.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.276, 307.536 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(195, 167, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 167, 235)  
}
```

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(195, 167, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 167, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.276, 307.536 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(195, 167, 235) }
```

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

```
.border{ border-color:rgb(195, 167, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 167, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 167, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 167, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 167,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.276, 307.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 167, 235) }
```

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

```
.background{ background-color: rgb(195,  
167, 235) }
```

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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