

Converting Colors

CIELCh(74, 33.215, 306.582)

Have a look what the booklet for
CIELCh(74, 33.215, 306.582)
contains.

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Color

CIELCh(74, 33.052, 306.575)

Conversions

Conversions Part 1

Format	Color
Hex	C3ACE7
RGB	195, 172, 231
RGB Percent	76%, 67%, 91%
CMY	0.2365, 0.3266, 0.0954
CMYK	0.16, 0.26, 0.00, 0.10
HSL	263°, 55%, 79%
HSV	263°, 26%, 90%
XYZ	51.5008, 46.7039, 81.6672
YIQ	185.6030, -5.2310, 23.2250

Conversions

Conversions Part 2

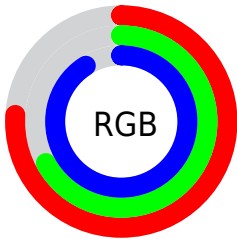
Format	Color
R_{YB}	195, 172, 231
Decimal	12823783
CIE _{Lab}	74.00, 19.69, -26.54
CIE _{LCh}	74, 33.052, 306.575
Yxy	46.7039, 0.2863, 0.2597
Android (android.graphics.Color)	4291013863 (0xFFC3ACE7)
YUV	185.6030, 22.3807, 8.2412
Hunter-Lab	68.3403, 14.9209, -23.0138

Details

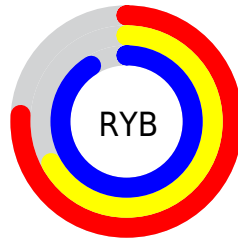
The CIELCh color $74, 33.052, 306.575$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 31.619, 123.817$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.947, 322.030$, and $54, 32.681, 306.659$ is the 20% darker color. If you saturate the color by 10%, you get $67, 46.650, 307.247$, and if you desaturate by 10%, it is $81, 19.808, 305.957$.

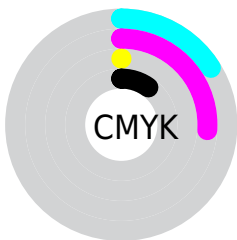
Distribution



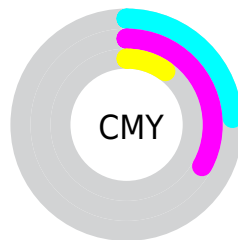
- Red (76%)
- Green (67%)
- Blue (91%)



- Red (76%)
- Yellow (67%)
- Blue (91%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)





- Cyan (24%)
- Magenta (33%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.052, 306.575 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 74, 33.052, 306.575 by changing the saturation by 10% instead.


 74, 33.052,
306.575


 74, 33.052,
306.575


 100, 33.052,
306.575


 64, 33.052,
306.575


 94, 33.052,
306.575

 54, 33.052,
306.575

 44, 33.052,
306.575

 34, 33.052,
306.575

 24, 33.052,
306.575

 14, 33.052,
306.575

 4, 33.052, 306.575

■ 0, 33.052, 306.575

■ 74, 33.052,
306.575

■ 74, 33.052,
306.575

■ 67, 46.650,
307.247

■ 81, 19.808,
305.957

■ 61, 60.489,
307.957

■ 88, 6.973, 305.397

■ 54, 74.325,
308.669

■ 95, 5.440, 124.936

■ 48, 87.715,
309.321

■ 99, 12.408,
115.927

■ 43, 99.916,
309.812

■ 99, 12.307,
109.247

■ 38, 109.875,
310.000

■ 35,116.481,
309.739

■ 34,118.585,
309.538

Harmonies

Complementary

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



74, 33.052, 306.575



89, 31.619, 123.817

Rectangle

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



74, 33.052, 306.575



74, 33.052, 356.575



74, 33.052, 126.575



74, 33.052, 176.575

Sweetspot

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



74, 33.050, 306.575



94, 10.909, 305.532



82, 16.654, 245.144



49, 7.771, 305.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 33.050, 306.575



77, 43.831, 306.945



77, 36.521, 322.461



44, 7.126, 305.609



25, 97.682, 309.713



3, 34.958, 307.168

Inverse Universe

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



77, 28.845, 340.198



81, 37.952, 340.716



87, 36.286, 139.779



45, 6.315, 338.830



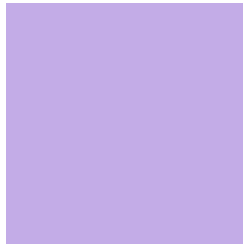
39, 67.211, 351.940



7, 29.007, 347.106

Previews

White Background



This preview shows how the CIELCh color 74, 33.052, 306.575 looks on a white background.

Color Contrast Check

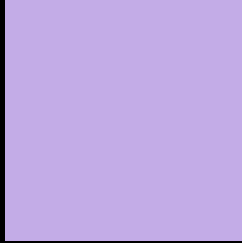
Large Text (above 18pt) WCAG AA × Fail

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 74, 33.052, 306.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

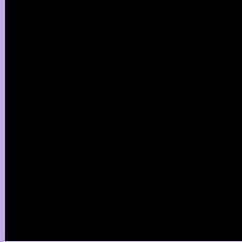
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 33.052, 306.575

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.052, 306.575.



This preview shows how white text looks on a background with the CIELCh color 74, 33.052, 306.575.

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
74, 8.310, 314.175

Trichromacy



Original Color
74, 33.052, 306.575

Protanomaly
74, 31.448, 293.100

Deuteranomaly
74, 29.410, 296.767

Tritanomaly
74, 17.612, 308.080

Monochromacy



Original Color
74, 33.052, 306.575

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.386, 306.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.052, 306.575 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, 172, 231)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 231)  
}
```

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, 172, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.052, 306.575 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, 172, 231) }
```

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

```
.border{ border-color:rgb(195, 172, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 172, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 172, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 172, 231);  
box-shadow:4px 4px 4px 4px rgb(195, 172,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.052, 306.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 231) }
```

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

```
.background{ background-color: rgb(195,  
172, 231) }
```

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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