

Converting Colors

CIELCh(74, 21.766, 313.943)

Have a look what the booklet for
CIELCh(74, 21.766, 313.943)
contains.

CIELCh(74, 21.745, 313.940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 21.745, 313.940)

Conversions

Conversions Part 1

Format	Color
Hex	C5AED3
RGB	197, 174, 211
RGB Percent	77%, 68%, 83%
CMY	0.2284, 0.3186, 0.1735
CMYK	0.07, 0.18, 0.00, 0.17
HSL	277°, 29%, 75%
HSV	277°, 18%, 83%
XYZ	49.7746, 46.7039, 67.8523
YIQ	185.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

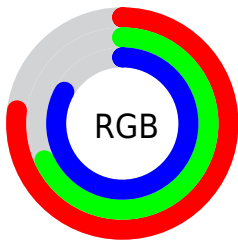
Format	Color
RYB	197, 174, 211
Decimal	12955347
CIELab	74.00, 15.09, -15.66
CIELCh	74, 21.745, 313.940
Yxy	46.7039, 0.3029, 0.2842
Android (android.graphics.Color)	4291145427 (0xFFC5AED3)
YUV	185.0950, 12.7712, 10.4407
Hunter-Lab	68.3403, 10.4124, -11.0284

Details

The CIELCh color $74, 21.745, 313.940$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 21.368, 132.439$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.428, 323.868$, and $54, 21.201, 313.982$ is the 20% darker color. If you saturate the color by 10%, you get $68, 34.469, 314.394$, and if you desaturate by 10%, it is $80, 9.247, 313.494$.

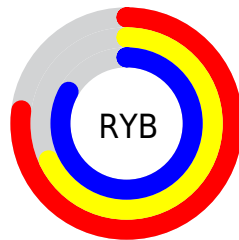
Distribution



Red (77%)

Green (68%)

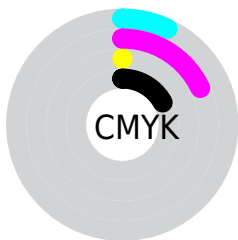
Blue (83%)



Red (77%)

Yellow (68%)

Blue (83%)

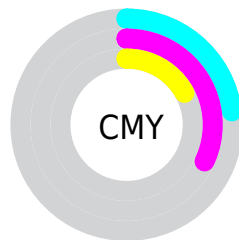


Cyan (7%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (23%)


Magenta (32%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 21.745, 313.940 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, 21.745, 313.940 by changing the saturation by 10% instead.


 74, 21.745,
313.940


 74, 21.745,
313.940


 100, 21.745,
313.940


 64, 21.745,
313.940


 94, 21.745,
313.940

 54, 21.745,
313.940

 44, 21.745,
313.940

 34, 21.745,
313.940

 24, 21.745,
313.940

 14, 21.745,
313.940

 4, 21.745, 313.940

■ 0, 21.745, 313.940

■ 74, 21.745,
313.940

■ 74, 21.745,
313.940

■ 68, 34.469,
314.394

■ 80, 9.247, 313.494

■ 86, 2.946, 133.159

■ 62, 47.293,
314.848

■ 92, 14.803,
132.738

■ 57, 59.992,
315.275

■ 97, 24.488,
131.572

■ 52, 72.216,
315.634

■ 98, 23.446,
125.199

■ 47, 83.446,
315.869

■ 98, 22.727,
118.214

■ 43, 93.007,
315.906

■ 99, 22.380,

■ 40,100.168,
315.660

110.791

■ 37,104.512,
315.075

■ 99,22.354,
108.484

■ 37,105.389,
314.917

Harmonies

Complementary

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



74, 21.745, 313.940



82, 21.368, 132.439

Rectangle

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



74, 21.745, 313.940



74, 21.745, 3.940



74, 21.745, 133.940



74, 21.745, 183.940

Sweetspot

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



74, 21.743, 313.939



97, 7.128, 313.380



76, 13.100, 269.430



51, 4.867, 313.413



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, 21.743, 313.939



85, 30.486, 314.106



75, 22.190, 328.800



41, 6.919, 313.576



29, 89.033, 315.084



3, 27.601, 312.471

Inverse Universe

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



75, 15.831, 352.431



86, 22.224, 352.844



81, 22.147, 146.640



41, 5.021, 351.571



35, 62.348, 13.346



5, 20.864, 1.360

Previews

White Background



This preview shows how the CIELCh color 74, 21.745, 313.940 looks on a white background.

Color Contrast Check

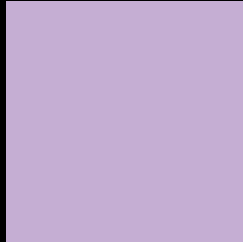
Large Text (above 18pt) WCAG AA × Fail

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, 21.745, 313.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

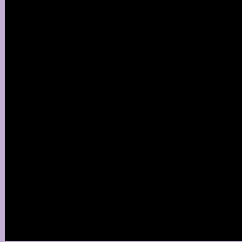
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.745, 313.940

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.745, 313.940.



This preview shows how white text looks on a background with the CIELCh color 74, 21.745, 313.940.

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


74, 21.745, 313.940

Protanopia

74, 19.004, 286.830

Deuteranopia

74, 18.239, 301.794



Tritanopia
74, 9.889, 330.220

Trichromacy



Original Color
74, 21.745, 313.940

Protanomaly
74, 19.098, 297.158

Deuteranomaly
74, 19.171, 306.759

Tritanomaly
74, 13.846, 321.179

Monochromacy



Original Color
74, 21.745, 313.940

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.653, 313.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.745, 313.940 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(197, 174, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 211)  
}
```

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(197, 174, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.745, 313.940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

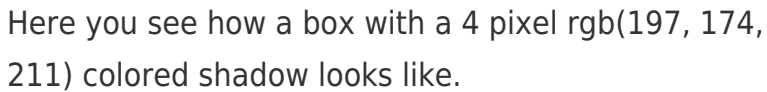
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 174, 211) }
```

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

```
.border{ border-color:rgb(197, 174, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 174, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.745, 313.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 211) }
```

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

```
.background{ background-color: rgb(197,  
174, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor