

Converting Colors

CIELCh(74, 24.601, 319.648)

Have a look what the booklet for
CIELCh(74, 24.601, 319.648)
contains.

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Color

CIELCh(74, 24.578, 319.645)

Conversions

Conversions Part 1

Format	Color
Hex	CBABD3
RGB	203, 171, 211
RGB Percent	80%, 67%, 83%
CMY	0.2027, 0.3282, 0.1713
CMYK	0.04, 0.19, 0.00, 0.17
HSL	288°, 31%, 75%
HSV	288°, 19%, 83%
XYZ	51.1358, 46.7039, 68.1589
YIQ	185.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

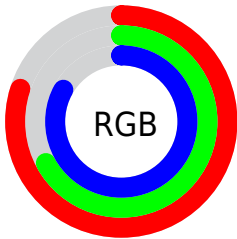
Format	Color
R_{YB}	203, 171, 211
Decimal	13347795
CIE _{Lab}	74.00, 18.73, -15.91
CIE _{LCh}	74, 24.578, 319.645
Yxy	46.7039, 0.3080, 0.2814
Android (android.graphics.Color)	4291537875 (0xFFCBABD3)
YUV	185.1280, 12.7549, 15.6737
Hunter-Lab	68.3403, 13.9675, -11.2944

Details

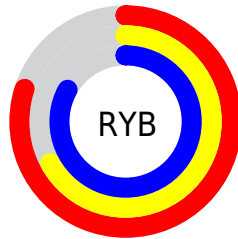
The CIELCh color $74, 24.578, 319.645$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 24.354, 137.888$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.134, 325.054$, and $54, 24.169, 320.166$ is the 20% darker color. If you saturate the color by 10%, you get $69, 37.727, 320.092$, and if you desaturate by 10%, it is $80, 11.505, 319.187$.

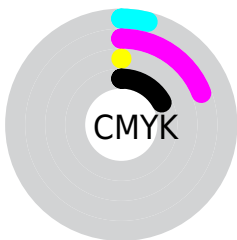
Distribution



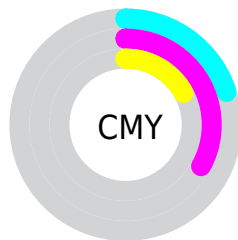
- Red (80%)
- Green (67%)
- Blue (83%)



- Red (80%)
- Yellow (67%)
- Blue (83%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.578, 319.645 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, 24.578, 319.645 by changing the saturation by 10% instead.


 74, 24.578,
319.645

 74, 24.578,
319.645


 100, 24.578,
319.645


 64, 24.578,
319.645

 94, 24.578,
319.645

 54, 24.578,
319.645

 44, 24.578,
319.645

 34, 24.578,
319.645

 24, 24.578,
319.645

 14, 24.578,
319.645

 4, 24.578, 319.645

0, 24.578, 319.645

74, 24.578,
319.645

74, 24.578,
319.645

69, 37.727,
320.092

80, 11.505,
319.187

63, 50.744,
320.516

85, 1.350, 138.929

58, 63.306,
320.890

91, 13.910,
138.365

54, 74.970,
321.181

97, 25.621,
137.866

50, 85.178,
321.348

97, 24.885,
134.947

47, 93.322,
321.345

97, 24.216,
131.825

■ 45, 98.906,
321.128

■ 97, 23.622,
128.501

■ 43, 101.957,
320.693

■ 98, 23.112,
124.986

■ 43, 102.233,
320.643

■ 98, 22.695,
121.295

Harmonies

Complementary

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



74, 24.578, 319.645



81, 24.354, 137.888

Rectangle

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



74, 24.578, 319.645



74, 24.578, 9.645



74, 24.578, 139.645



74, 24.578, 189.645

Sweetspot

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



74, 24.576, 319.645



96, 8.979, 319.051



73, 17.513, 282.851



51, 5.959, 319.083



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, 24.576, 319.645



85, 34.859, 319.840



74, 21.109, 335.597



41, 7.249, 319.209



34, 86.255, 320.754



4, 29.322, 320.155

Inverse Universe

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



74, 15.898, 5.136



85, 22.730, 5.671



81, 20.943, 152.883



41, 4.610, 4.065



35, 67.837, 29.041



4, 20.213, 10.211

Previews

White Background



This preview shows how the CIELCh color 74, 24.578, 319.645 looks on a white background.

Color Contrast Check

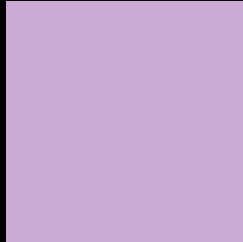
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 24.578, 319.645 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, 24.578, 319.645

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.578, 319.645.



This preview shows how white text looks on a background with the CIELCh color 74, 24.578, 319.645.

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, 24.578, 319.645

Protanopia

74, 20.104, 286.275

Deuteranopia

74, 17.627, 300.939



Tritanopia
74, 12.036, 341.516

Trichromacy



Original Color
74, 24.578, 319.645

Protanomaly
74, 20.855, 299.712

Deuteranomaly
74, 19.365, 308.800

Tritanomaly
74, 15.960, 329.565

Monochromacy



Original Color
74, 24.578, 319.645

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.271, 319.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.578, 319.645 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(203, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 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(203, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.578, 319.645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

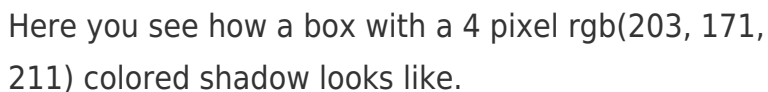
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 171, 211) }
```

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

```
.border{ border-color:rgb(203, 171, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.578, 319.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 211) }
```

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

```
.background{ background-color: rgb(203,  
171, 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](#).

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