

Converting Colors

CIELCh(74, 19.783, 325.249)

Have a look what the booklet for
CIELCh(74, 19.783, 325.249)
contains.

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Color

CIELCh(74, 19.611, 325.235)

Conversions

Conversions Part 1

Format	Color
Hex	CBADCB
RGB	203, 173, 203
RGB Percent	80%, 68%, 80%
CMY	0.2053, 0.3229, 0.2053
CMYK	0.00, 0.15, 0.00, 0.21
HSL	300°, 22%, 74%
HSV	300°, 15%, 79%
XYZ	50.1541, 46.7039, 62.6580
YIQ	185.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

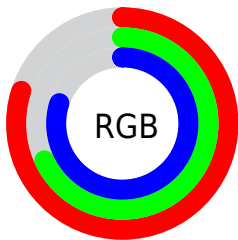
Format	Color
R_{YB}	203, 173, 203
Decimal	13348299
CIE _{Lab}	74.00, 16.11, -11.18
CIE _{LCh}	74, 19.611, 325.235
Yxy	46.7039, 0.3144, 0.2928
Android (android.graphics.Color)	4291538379 (0xFFC _B AD _C B)
YUV	185.3900, 8.6817, 15.4440
Hunter-Lab	68.3403, 11.4034, -6.5220

Details

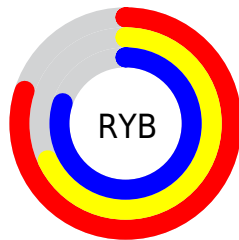
The CIELCh color $74, 19.611, 325.235$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 19.589, 143.546$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $54, 19.403, 325.433$ is the 20% darker color. If you saturate the color by 10%, you get $69, 32.908, 325.782$, and if you desaturate by 10%, it is $79, 6.323, 324.661$.

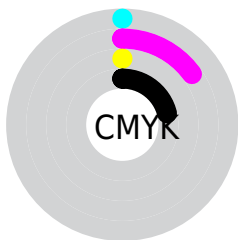
Distribution



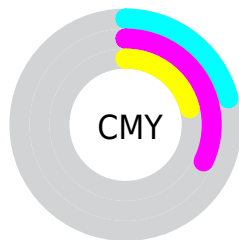
- Red (80%)
- Green (68%)
- Blue (80%)



- Red (80%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.611, 325.235 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, 19.611, 325.235 by changing the saturation by 10% instead.


 74, 19.611,
325.235

 74, 19.611,
325.235


 100, 19.611,
325.235


 64, 19.611,
325.235


 94, 19.611,
325.235

 54, 19.611,
325.235

 44, 19.611,
325.235

 34, 19.611,
325.235

 24, 19.611,
325.235

 14, 19.611,
325.235

 4, 19.611, 325.235

0, 19.611, 325.235

74, 19.611,
325.235

74, 19.611,
325.235

69, 32.908,
325.782

79, 6.323, 324.661

65, 45.967,
326.306

84, 6.777, 144.200

60, 58.440,
326.796

90, 19.586,
143.649

57, 69.881,
327.234

95, 32.040,
143.137

53, 79.788,
327.604

95, 32.804,
143.106

51, 87.670,
327.892

95, 32.804,
143.105

95, 32.803,

■ 49, 93.175,
328.089

143.105

■ 48, 96.232,
328.197

■ 95, 32.803,
143.104

■ 48, 97.199,
328.231

■ 95, 32.803,
143.104

Harmonies

Complementary

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



74, 19.611, 325.235



79, 19.589, 143.546

Rectangle

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



74, 19.611, 325.235



74, 19.611, 15.235



74, 19.611, 145.235



74, 19.611, 195.235

Sweetspot

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



74, 19.609, 325.235



97, 6.352, 324.613



72, 16.090, 291.121



52, 4.516, 324.662



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, 19.609, 325.235



89, 28.774, 325.425



74, 14.019, 343.980



40, 7.538, 324.933



39, 83.711, 328.231



5, 29.042, 327.495

Inverse Universe

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



73, 11.580, 20.359



88, 17.206, 20.660



79, 13.778, 161.543



40, 4.369, 19.922



34, 75.552, 39.821



4, 17.910, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 19.611, 325.235 looks on a white background.

Color Contrast Check

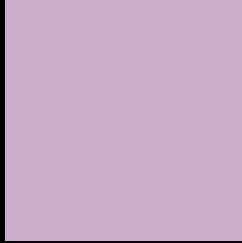
Large Text (above 18pt) WCAG AA × Fail

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, 19.611, 325.235 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, 19.611, 325.235

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.611, 325.235.



This preview shows how white text looks on a background with the CIELCh color 74, 19.611, 325.235.

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, 12.329, 342.658

Trichromacy



Original Color
74, 19.611, 325.235

Protanomaly
74, 15.567, 303.399

Deuteranomaly
74, 16.396, 317.565

Tritanomaly
74, 15.008, 334.633

Monochromacy



Original Color
74, 19.611, 325.235

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.579, 324.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.611, 325.235 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, 173, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 203)  
}
```

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, 173, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.611, 325.235 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, 173, 203) }
```

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

```
.border{ border-color:rgb(203, 173, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.611, 325.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 203) }
```

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

```
.background{ background-color: rgb(203,  
173, 203) }
```

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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