

Converting Colors

CIELCh(74, 25.143, 322.587)

Have a look what the booklet for
CIELCh(74, 25.143, 322.587)
contains.

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Color

CIELCh(74, 25.277, 322.630)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CEAAD2 |
| RGB | 206, 170, 210 |
| RGB Percent | 81%, 67%, 82% |
| CMY | 0.1909, 0.3321, 0.1752 |
| CMYK | 0.02, 0.19, 0.00, 0.18 |
| HSL | 294°, 31%, 75% |
| HSV | 294°, 19%, 82% |
| XYZ | 51.6501, 46.7039, 67.4768 |
| YIQ | 185.3240, 8.6160, 20.0720 |

Conversions

Conversions Part 2

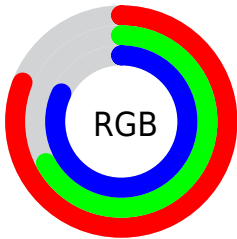
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 206, 170, 210 |
| Decimal | 13544146 |
| CIE _{Lab} | 74.00, 20.09, -15.34 |
| CIE _{LCh} | 74, 25.277, 322.630 |
| Yxy | 46.7039, 0.3115, 0.2816 |
| Android (android.graphics.Color) | 4291734226 (0xFFCEAAD2) |
| YUV | 185.3240, 12.1653, 18.1329 |
| Hunter-Lab | 68.3403, 15.3109, -10.7026 |

Details

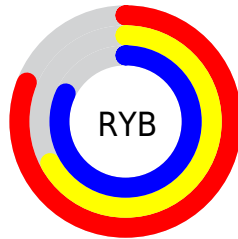
The CIELCh color $74, 25.277, 322.630$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 25.161, 140.667$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $54, 24.716, 322.601$ is the 20% darker color. If you saturate the color by 10%, you get $69, 38.629, 323.112$, and if you desaturate by 10%, it is $79, 11.918, 322.132$.

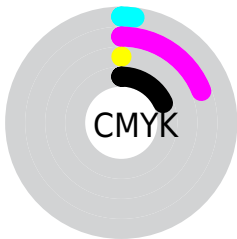
Distribution



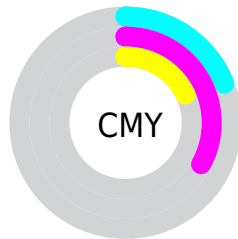
- Red (81%)
- Green (67%)
- Blue (82%)



- Red (81%)
- Yellow (67%)
- Blue (82%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)




- Cyan (19%)
- Magenta (33%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.277, 322.630 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, 25.277, 322.630 by changing the saturation by 10% instead.


 74, 25.277,
322.630

 74, 25.277,
322.630


 100, 25.277,
322.630


 64, 25.277,
322.630


 94, 25.277,
322.630

 54, 25.277,
322.630

 44, 25.277,
322.630

 34, 25.277,
322.630

 24, 25.277,
322.630

 14, 25.277,
322.630

 4, 25.277, 322.630

0, 25.277, 322.630

74, 25.277,
322.630

74, 25.277,
322.630

69, 38.629,
323.112

79, 11.918,
322.132

64, 51.722,
323.566

85, 1.270, 141.861

59, 64.191,
323.971

90, 14.182,
141.218

55, 75.564,
324.301

96, 26.757,
140.762

52, 85.292,
324.527

96, 26.690,
139.497

49, 92.836,
324.620

97, 26.299,
138.163

■ 48, 97.824,
324.558

■ 97, 25.921,
136.781

■ 46, 100.411,
324.348

■ 97, 25.558,
135.350

■ 46, 100.621,
324.325

■ 97, 25.211,
133.872

Harmonies

Complementary

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



74, 25.277, 322.630



81, 25.161, 140.667

Rectangle

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



74, 25.277, 322.630



74, 25.277, 12.630



74, 25.277, 142.630



74, 25.277, 192.630

Sweetspot

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



74, 25.275, 322.630



96, 9.247, 321.978



72, 19.641, 288.086



51, 6.136, 322.013



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, 25.275, 322.630



86, 35.778, 322.836



74, 19.714, 340.106



41, 7.462, 322.151



37, 85.224, 324.383



5, 30.264, 324.115

Inverse Universe

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



73, 15.606, 12.865



85, 22.357, 13.358



81, 19.434, 157.107



41, 4.490, 11.865



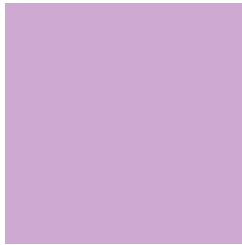
35, 72.378, 35.526



4, 20.056, 14.812

Previews

White Background



This preview shows how the CIELCh color 74, 25.277, 322.630 looks on a white background.

Color Contrast Check

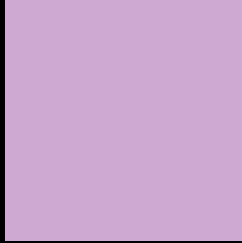
Large Text (above 18pt) WCAG AA × Fail

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, 25.277, 322.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

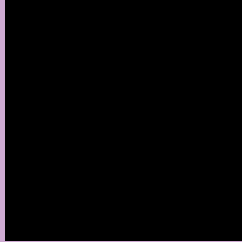
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.277, 322.630

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.277, 322.630.



This preview shows how white text looks on a background with the CIELCh color 74, 25.277, 322.630.

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, 25.277, 322.630

Protanopia

74, 20.104, 286.275

Deuteranopia

74, 17.157, 302.364



Tritanopia
74, 13.250, 345.798

Trichromacy



Original Color
74, 25.277, 322.630

Protanomaly
74, 21.517, 301.392

Deuteranomaly
74, 19.719, 311.802

Tritanomaly
74, 16.927, 333.631

Monochromacy



Original Color
74, 25.277, 322.630

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.451, 321.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.277, 322.630 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(206, 170, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 170, 210)  
}
```

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(206, 170, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 170, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.277, 322.630 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(206, 170, 210) }
```

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

```
.border{ border-color:rgb(206, 170, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 170, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 170, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 170, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 170,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.277, 322.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 170, 210) }
```

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

```
.background{ background-color: rgb(206,  
170, 210) }
```

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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