

Converting Colors

CIELCh(74, 14.172, 333.611)

Have a look what the booklet for
CIELCh(74, 14.172, 333.611)
contains.

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Color

CIELCh(74, 13.856, 332.750)

Conversions

Conversions Part 1

Format	Color
Hex	C8AFC2
RGB	200, 175, 194
RGB Percent	78%, 69%, 76%
CMY	0.2166, 0.3146, 0.2401
CMYK	0.00, 0.13, 0.03, 0.22
HSL	314°, 18%, 73%
HSV	314°, 13%, 78%
XYZ	48.7551, 46.7039, 57.3486
YIQ	184.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

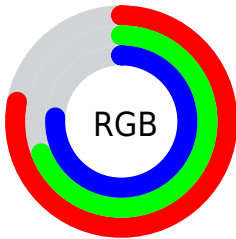
Format	Color
R _{YB}	200, 175, 194
Decimal	13152194
CIE _{Lab}	74.00, 12.32, -6.34
CIE _{LCh}	74, 13.856, 332.750
Yxy	46.7039, 0.3191, 0.3056
Android (android.graphics.Color)	4291342274 (0xFFC8AFC2)
YUV	184.6410, 4.6140, 13.4698
Hunter-Lab	68.3403, 7.7494, -1.9157

Details

The CIELCh color $74, 13.856, 332.750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 13.796, 151.137$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.971, 331.387$, and $54, 14.026, 333.376$ is the 20% darker color. If you saturate the color by 10%, you get $69, 25.032, 333.441$, and if you desaturate by 10%, it is $79, 2.763, 332.011$.

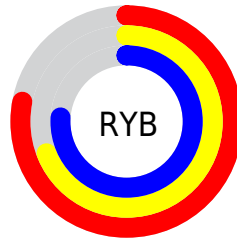
Distribution



Red (78%)

Green (69%)

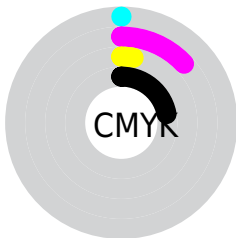
Blue (76%)



Red (78%)

Yellow (69%)

Blue (76%)

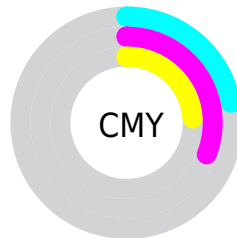


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.856, 332.750 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, 13.856, 332.750 by changing the saturation by 10% instead.


 74, 13.856,
332.750


 74, 13.856,
332.750


 100, 13.856,
332.750


 64, 13.856,
332.750


 94, 13.856,
332.750

 54, 13.856,
332.750

 44, 13.856,
332.750

 34, 13.856,
332.750

 24, 13.856,
332.750

 14, 13.856,
332.750

 4, 13.856, 332.750

■ 0, 13.856, 332.750

■ 74, 13.856,
332.750

■ 74, 13.856,
332.750

■ 69, 25.032,
333.441

■ 79, 2.763, 332.011

■ 85, 8.122, 151.549

■ 64, 36.108,
334.157

■ 90, 18.733,
150.942

■ 60, 46.802,
334.907

■ 95, 29.035,
150.381

■ 56, 56.732,
335.701

■ 96, 27.379,
153.639

■ 52, 65.423,
336.551

■ 96, 25.622,
157.398

■ 49, 72.358,
337.482

■ 96, 23.975,

■ 47, 77.090,
338.533

161.671

■ 46, 79.402,
339.752

■ 96, 22.463,
166.525

■ 45, 79.912,
340.778

■ 96, 21.119,
172.017

Harmonies

Complementary

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



74, 13.856, 332.750



78, 13.796, 151.137

Rectangle

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



74, 13.856, 332.750



74, 13.856, 22.750



74, 13.856, 152.750



74, 13.856, 202.750

Sweetspot

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



74, 13.854, 332.751



97, 5.370, 332.153



73, 13.801, 300.125



52, 3.818, 332.213



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, 13.854, 332.751



91, 20.283, 332.936



74, 10.129, 359.479



39, 6.245, 332.537



36, 68.946, 340.548



4, 21.666, 337.099

Inverse Universe

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



74, 13.854, 332.751



91, 20.283, 332.936



79, 9.732, 177.207



39, 6.245, 332.537



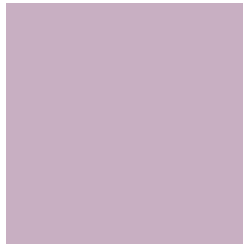
36, 68.946, 340.548



4, 21.666, 337.099

Previews

White Background



This preview shows how the CIELCh color 74, 13.856, 332.750 looks on a white background.

Color Contrast Check

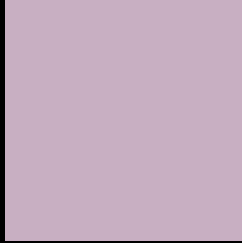
Large Text (above 18pt) WCAG AA × Fail

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, 13.856, 332.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

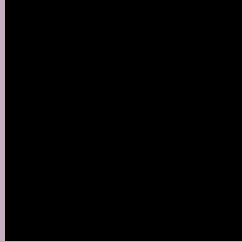
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.856, 332.750

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.856, 332.750.



This preview shows how white text looks on a background with the CIELCh color 74, 13.856, 332.750.

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, 13.856, 332.750

Protanopia

74, 8.668, 291.007

Deuteranopia

74, 10.955, 328.119



Tritanopia
74, 11.113, 341.173

Trichromacy



Original Color
74, 13.856, 332.750

Protanomaly
74, 9.819, 310.451

Deuteranomaly
74, 12.075, 330.828

Tritanomaly
74, 11.811, 337.086

Monochromacy



Original Color
74, 13.856, 332.750

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.074, 331.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.856, 332.750 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(200, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 194)  
}
```

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(200, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.856, 332.750 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(200, 175, 194) }
```

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

```
.border{ border-color:rgb(200, 175, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.856, 332.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 194) }
```

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

```
.background{ background-color: rgb(200,  
175, 194) }
```

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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