

Converting Colors

CIELCh(74, 12.242, 335.445)

Have a look what the booklet for
CIELCh(74, 12.242, 335.445)
contains.

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Color

CIELCh(74, 12.456, 336.492)

Conversions

Conversions Part 1

Format	Color
Hex	C7AFBF
RGB	199, 175, 191
RGB Percent	78%, 69%, 75%
CMY	0.2186, 0.3127, 0.2500
CMYK	0.00, 0.12, 0.04, 0.22
HSL	320°, 18%, 73%
HSV	320°, 12%, 78%
XYZ	48.4284, 46.7039, 55.8954
YIQ	184.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

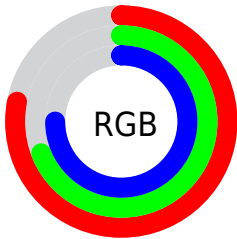
Format	Color
RYB	199, 175, 191
Decimal	13086655
CIELab	74.00, 11.42, -4.97
CIElCh	74, 12.456, 336.492
Yxy	46.7039, 0.3207, 0.3092
Android (android.graphics.Color)	4291276735 (0xFFC7AFBF)
YUV	184.0000, 3.4510, 13.1550
Hunter-Lab	68.3403, 6.8960, -0.6550

Details

The CIELCh color $74, 12.456, 336.492$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 12.368, 154.814$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.865, 336.301$, and $54, 12.260, 336.049$ is the 20% darker color. If you saturate the color by 10%, you get $69, 22.922, 337.269$, and if you desaturate by 10%, it is $79, 2.101, 335.645$.

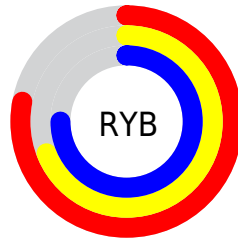
Distribution



Red (78%)

Green (69%)

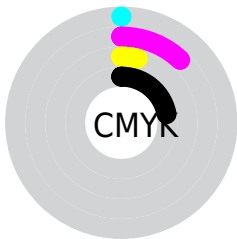
Blue (75%)



Red (78%)

Yellow (69%)

Blue (75%)

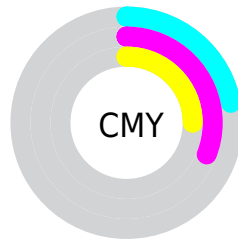


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (22%)



Cyan (22%)


Magenta (31%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.456, 336.492 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, 12.456, 336.492 by changing the saturation by 10% instead.

 74, 12.456,
336.492

 74, 12.456,
336.492

 100, 12.456,
336.492


 64, 12.456,
336.492


 94, 12.456,
336.492

 54, 12.456,
336.492

 44, 12.456,
336.492

 34, 12.456,
336.492

 24, 12.456,
336.492

 14, 12.456,
336.492

 4, 12.456, 336.492

■ 0, 12.456, 336.492

■ 74, 12.456,
336.492

■ 74, 12.456,
336.492

■ 69, 22.922,
337.269

■ 79, 2.101, 335.645

■ 85, 8.032, 155.188

■ 64, 33.336,
338.095

■ 90, 17.889,
154.539

■ 59, 43.438,
338.992

■ 95, 27.445,
153.946

■ 55, 52.867,
339.982

■ 96, 25.079,
159.279

■ 52, 61.163,
341.098

■ 96, 22.914,
165.653

■ 49, 67.815,
342.392

■ 96, 21.055,

■ 46, 72.366,
343.934

173.211

■ 45, 74.579,
345.815

■ 96, 19.596,
182.025

■ 44, 75.037,
347.556

■ 96, 18.632,
191.973

Harmonies

Complementary

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



74, 12.456, 336.492



78, 12.368, 154.814

Rectangle

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



74, 12.456, 336.492



74, 12.456, 26.492



74, 12.456, 156.492



74, 12.456, 206.492

Sweetspot

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



74, 12.454, 336.494



97, 5.020, 335.866



73, 13.414, 303.728



52, 3.570, 335.933



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, 12.454, 336.494



91, 17.710, 336.658



74, 9.379, 6.891



39, 5.842, 336.292



36, 64.887, 347.182



4, 20.003, 342.641

Inverse Universe

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



74, 12.454, 336.494



91, 17.710, 336.658



78, 8.902, 184.847



39, 5.842, 336.292



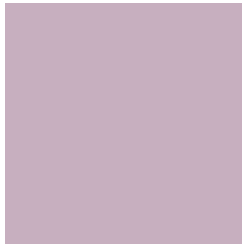
36, 64.887, 347.182



4, 20.003, 342.641

Previews

White Background



This preview shows how the CIELCh color 74, 12.456, 336.492 looks on a white background.

Color Contrast Check

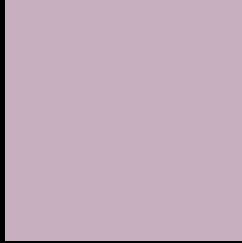
Large Text (above 18pt) WCAG AA × Fail

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, 12.456, 336.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

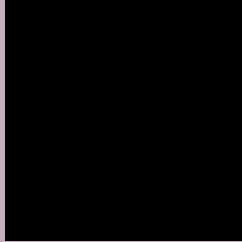
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.456, 336.492

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.456, 336.492.



This preview shows how white text looks on a background with the CIELCh color 74, 12.456, 336.492.

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, 12.456, 336.492

Protanopia

74, 7.600, 293.627

Deuteranopia

74, 10.378, 333.442



Tritanopia
74, 11.113, 341.173

Trichromacy



Original Color
74, 12.456, 336.492

Protanomaly
74, 8.808, 312.787

Deuteranomaly
74, 11.284, 334.402

Tritanomaly
74, 11.454, 339.066

Monochromacy



Original Color
74, 12.456, 336.492

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.684, 335.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.456, 336.492 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(199, 175, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 191)  
}
```

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(199, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.456, 336.492 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(199, 175, 191) }
```

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

```
.border{ border-color:rgb(199, 175, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 175, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.456, 336.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 191) }
```

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

```
.background{ background-color: rgb(199,  
175, 191) }
```

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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