

Converting Colors

CIELCh(74, 32.641, 344.309)

Have a look what the booklet for
CIELCh(74, 32.641, 344.309)
contains.

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Color

CIELCh(74, 32.792, 344.110)

Conversions

Conversions Part 1

Format	Color
Hex	E7A1C7
RGB	231, 161, 199
RGB Percent	91%, 63%, 78%
CMY	0.0934, 0.3679, 0.2189
CMYK	0.00, 0.30, 0.14, 0.09
HSL	327°, 60%, 77%
HSV	327°, 30%, 91%
XYZ	56.1217, 46.7039, 60.2001
YIQ	186.2620, 29.5220, 26.6580

Conversions

Conversions Part 2

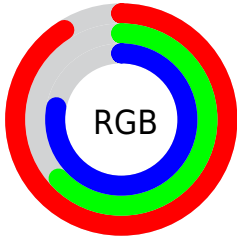
Format	Color
R_{YB}	231, 161, 199
Decimal	15180231
CIE _{Lab}	74.00, 31.54, -8.98
CIE _{LCh}	74, 32.792, 344.110
Yxy	46.7039, 0.3443, 0.2865
Android (android.graphics.Color)	4293370311 (0xFFE7A1C7)
YUV	186.2620, 6.2798, 39.2352
Hunter-Lab	68.3403, 26.9905, -4.3896

Details

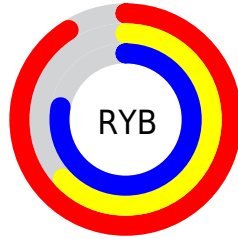
The CIELCh color $74, 32.792, 344.110$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 31.826, 158.658$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $54, 32.926, 343.901$ is the 20% darker color. If you saturate the color by 10%, you get $69, 43.509, 345.233$, and if you desaturate by 10%, it is $80, 21.863, 343.116$.

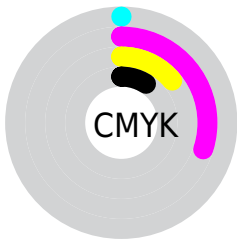
Distribution



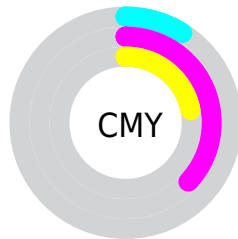
- Red (91%)
- Green (63%)
- Blue (78%)



- Red (91%)
- Yellow (63%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.792, 344.110 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, 32.792, 344.110 by changing the saturation by 10% instead.


 74, 32.792,
344.110


 74, 32.792,
344.110


 100, 32.792,
344.110


 64, 32.792,
344.110


 94, 32.792,
344.110

 54, 32.792,
344.110

 44, 32.792,
344.110

 34, 32.792,
344.110

 24, 32.792,
344.110

 14, 32.792,
344.110

 4, 32.792, 344.110

0, 32.792, 344.110

74, 32.792,
344.110

74, 32.792,
344.110

69, 43.509,
345.233

80, 21.863,
343.116

64, 53.656,
346.525

86, 10.983,
342.207

59, 62.741,
348.052

92, 0.304, 340.007

56, 70.202,
349.909

98, 10.083,
160.742

53, 75.519,
352.219

98, 8.334, 188.472

51, 78.416,
355.135

98, 8.125, 198.973

■ 50,79.308,
358.601

Harmonies

Complementary

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



74, 32.792, 344.110



86, 31.826, 158.658

Rectangle

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



74, 32.792, 344.110



74, 32.792, 34.110



74, 32.792, 164.110



74, 32.792, 214.110

Sweetspot

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



74, 32.789, 344.111



94, 10.395, 342.098



71, 39.805, 308.894



49, 7.235, 342.227



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, 32.789, 344.111



77, 42.187, 344.756



73, 27.830, 18.148



45, 6.025, 342.134



39, 65.496, 357.892



7, 28.082, 351.764

Inverse Universe

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



74, 32.789, 344.111



77, 42.187, 344.756



87, 23.048, 193.282



45, 6.025, 342.134



39, 65.496, 357.892



7, 28.082, 351.764

Previews

White Background



This preview shows how the CIELCh color 74, 32.792, 344.110 looks on a white background.

Color Contrast Check

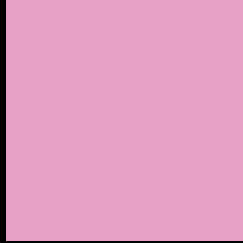
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 32.792, 344.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

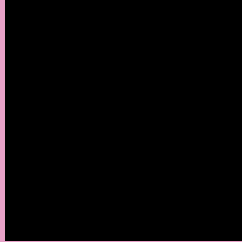
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 32.792, 344.110

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.792, 344.110.



This preview shows how white text looks on a background with the CIELCh color 74, 32.792, 344.110.

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, 32.792, 344.110

Protanopia
74, 16.811, 287.064

Deuteranopia
74, 12.078, 322.012



Tritanopia
74, 25.610, 6.083

Trichromacy



Original Color
74, 32.792, 344.110

Protanomaly
74, 19.777, 316.301

Deuteranomaly
74, 19.606, 335.398

Tritanomaly
74, 27.596, 356.794

Monochromacy



Original Color
74, 32.792, 344.110

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.012, 341.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.792, 344.110 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(231, 161, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 161, 199)  
}
```

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(231, 161, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 161, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.792, 344.110 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(231, 161, 199) }
```

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

```
.border{ border-color:rgb(231, 161, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 161, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 161, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 161, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 161,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.792, 344.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 161, 199) }
```

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

```
.background{ background-color: rgb(231,  
161, 199) }
```

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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