

Converting Colors

CIELCh(74, 37.533, 336.460)

Have a look what the booklet for
CIELCh(74, 37.533, 336.460)
contains.

CIELCh(74, 37.853, 336.646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 37.853, 336.646)

Conversions

Conversions Part 1

Format	Color
Hex	E89FD2
RGB	232, 159, 210
RGB Percent	91%, 62%, 82%
CMY	0.0895, 0.3758, 0.1758
CMYK	0.00, 0.31, 0.09, 0.09
HSL	318°, 62%, 77%
HSV	318°, 31%, 91%
XYZ	57.4212, 46.7039, 67.0777
YIQ	186.6410, 27.1370, 31.3370

Conversions

Conversions Part 2

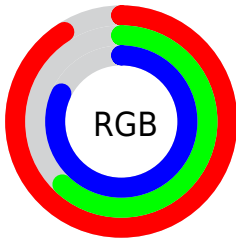
Format	Color
R _Y B	232, 159, 210
Decimal	15245266
CIE Lab	74.00, 34.75, -15.01
CIE LCh	74, 37.853, 336.646
Yxy	46.7039, 0.3354, 0.2728
Android (android.graphics.Color)	4293435346 (0xFFE89FD2)
YUV	186.6410, 11.5160, 39.7798
Hunter-Lab	68.3403, 30.3846, -10.3565

Details

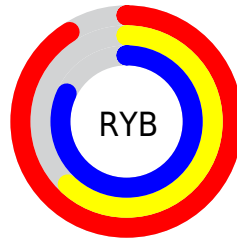
The CIELCh color $74, 37.853, 336.646$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 37.434, 151.750$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $54, 37.839, 336.746$ is the 20% darker color. If you saturate the color by 10%, you get $69, 49.524, 337.496$, and if you desaturate by 10%, it is $80, 25.809, 335.855$.

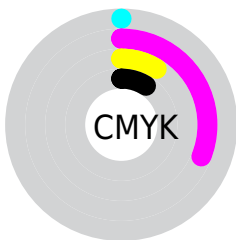
Distribution



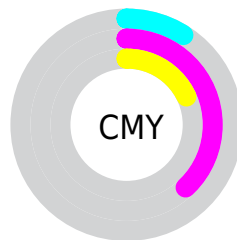
- Red (91%)
- Green (62%)
- Blue (82%)



- Red (91%)
- Yellow (62%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (9%)




- Cyan (9%)
- Magenta (38%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 37.853, 336.646 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, 37.853, 336.646 by changing the saturation by 10% instead.


 74, 37.853,
336.646

 74, 37.853,
336.646


 100, 37.853,
336.646

 64, 37.853,
336.646

 94, 37.853,
336.646

 54, 37.853,
336.646

 44, 37.853,
336.646

 34, 37.853,
336.646

 24, 37.853,
336.646

 14, 37.853,
336.646

 4, 37.853, 336.646

0, 37.853, 336.646

74, 37.853,
336.646

74, 37.853,
336.646

69, 49.524,
337.496

80, 25.809,
335.855

64, 60.409,
338.420

85, 13.699,
335.106

60, 69.974,
339.447

91, 1.720, 334.222

57, 77.624,
340.618

97, 10.009,
153.829

54, 82.834,
341.993

98, 9.441, 166.819

52, 85.334,
343.650

98, 7.990, 188.554

98, 7.794, 198.997

■ 52, 85.676,
345.316

Harmonies

Complementary

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



74, 37.853, 336.646



86, 37.434, 151.750

Rectangle

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



74, 37.853, 336.646



74, 37.853, 26.646



74, 37.853, 156.646



74, 37.853, 206.646

Sweetspot

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



74, 37.850, 336.647



94, 11.603, 334.929



70, 40.834, 303.974



49, 8.072, 335.037



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, 37.850, 336.647



77, 49.159, 337.213



73, 29.334, 6.832



46, 6.847, 334.961



40, 71.335, 344.957



8, 31.454, 341.832

Inverse Universe

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



74, 37.850, 336.647



77, 49.159, 337.213



87, 25.700, 180.299



46, 6.847, 334.961



40, 71.335, 344.957



8, 31.454, 341.832

Previews

White Background



This preview shows how the CIELCh color 74, 37.853, 336.646 looks on a white background.

Color Contrast Check

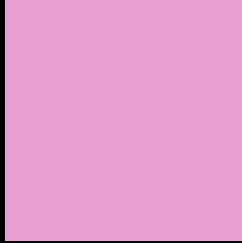
Large Text (above 18pt) WCAG AA × Fail

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, 37.853, 336.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

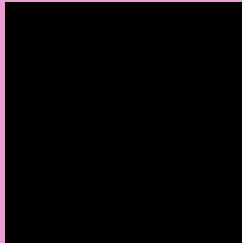
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 37.853, 336.646

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.853, 336.646.



This preview shows how white text looks on a background with the CIELCh color 74, 37.853, 336.646.

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, 37.853, 336.646

Protanopia

74, 23.919, 285.261

Deuteranopia

74, 16.172, 304.264



Tritanopia
74, 25.232, 5.795

Trichromacy



Original Color
74, 37.853, 336.646



Protanomaly
74, 26.629, 308.266



Deuteranomaly
74, 23.357, 322.331



Tritanomaly
74, 28.967, 352.231

Monochromacy



Original Color
74, 37.853, 336.646



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.698, 335.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.853, 336.646 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(232, 159, 210)` looks like.

```
.text, #text, p{  
    color:rgb(232, 159, 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(232, 159, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 159, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.853, 336.646 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(232, 159, 210) }
```

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

```
.border{ border-color:rgb(232, 159, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 159, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 159, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 159, 210);  
box-shadow:4px 4px 4px 4px rgb(232, 159,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.853, 336.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 159, 210) }
```

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

```
.background{ background-color: rgb(232,  
159, 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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