

Converting Colors

CIELCh(74, 30.403, 347.533)

Have a look what the booklet for
CIELCh(74, 30.403, 347.533)
contains.

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Color

CIELCh(74, 30.778, 347.256)

Conversions

Conversions Part 1

Format	Color
Hex	E6A2C3
RGB	230, 162, 195
RGB Percent	90%, 64%, 76%
CMY	0.0973, 0.3640, 0.2346
CMYK	0.00, 0.30, 0.15, 0.10
HSL	331°, 58%, 77%
HSV	331°, 30%, 90%
XYZ	55.5142, 46.7039, 57.8241
YIQ	186.0940, 29.9350, 24.6790

Conversions

Conversions Part 2

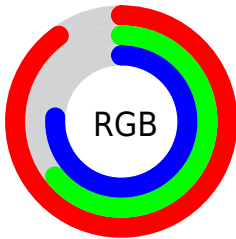
Format	Color
R _Y B	230, 162, 195
Decimal	15114947
CIE Lab	74.00, 30.02, -6.79
CIE LCh	74, 30.778, 347.256
Yxy	46.7039, 0.3469, 0.2918
Android (android.graphics.Color)	4293305027 (0xFFE6A2C3)
YUV	186.0940, 4.3907, 38.5056
Hunter-Lab	68.3403, 25.4036, -2.3282

Details

The CIELCh color $74, 30.778, 347.256$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 29.586, 161.678$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.554, 327.488$, and $54, 30.222, 347.590$ is the 20% darker color. If you saturate the color by 10%, you get $69, 41.203, 348.479$, and if you desaturate by 10%, it is $80, 20.220, 346.187$.

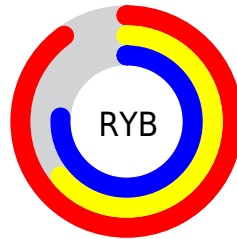
Distribution



Red (90%)

Green (64%)

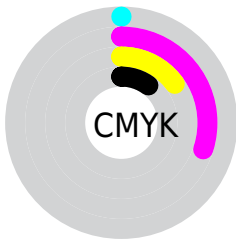
Blue (76%)



Red (90%)

Yellow (64%)

Blue (76%)

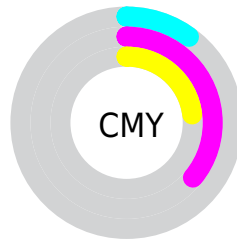


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.778, 347.256 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, 30.778, 347.256 by changing the saturation by 10% instead.


 74, 30.778,
347.256


 74, 30.778,
347.256


 100, 30.778,
347.256


 64, 30.778,
347.256


 94, 30.778,
347.256

 54, 30.778,
347.256

 44, 30.778,
347.256

 34, 30.778,
347.256

 24, 30.778,
347.256

 14, 30.778,
347.256

 4, 30.778, 347.256

■ 0, 30.778, 347.256

■ 74, 30.778,
347.256

■ 74, 30.778,
347.256

■ 69, 41.203,
348.479

■ 80, 20.220,
346.187

■ 64, 51.164,
349.908

■ 86, 9.765, 345.220

■ 59, 60.196,
351.623

■ 92, 0.452, 165.430

■ 98, 10.355,
163.692

■ 55, 67.760,
353.735

■ 98, 8.479, 196.958

■ 53, 73.350,
356.391

■ 98, 8.459, 198.949

■ 51, 76.696,
359.761

■ 50, 78.162, 3.911

■ 50, 78.222, 4.106

Harmonies

Complementary

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



74, 30.778, 347.256



86, 29.586, 161.678

Rectangle

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



74, 30.778, 347.256



74, 30.778, 37.256



74, 30.778, 167.256



74, 30.778, 217.256

Sweetspot

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



74, 30.775, 347.258



94, 9.999, 345.174



72, 38.950, 310.511



49, 6.961, 345.311



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, 30.775, 347.258



78, 39.659, 347.926



73, 27.162, 21.871



45, 5.796, 345.212



38, 64.727, 3.287



7, 27.473, 356.060

Inverse Universe

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



74, 30.775, 347.258



78, 39.659, 347.926



87, 22.179, 197.940



45, 5.796, 345.212



38, 64.727, 3.287



7, 27.473, 356.060

Previews

White Background



This preview shows how the CIELCh color 74, 30.778, 347.256 looks on a white background.

Color Contrast Check

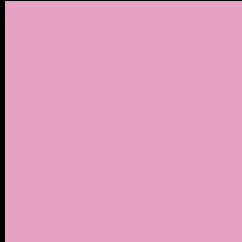
Large Text (above 18pt) WCAG AA × Fail

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, 30.778, 347.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

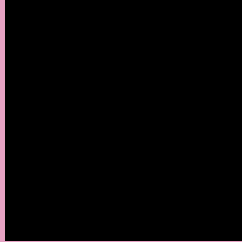
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.778, 347.256

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.778, 347.256.



This preview shows how white text looks on a background with the CIELCh color 74, 30.778, 347.256.

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





Tritanopia
74, 25.232, 5.795

Trichromacy



Original Color
74, 30.778, 347.256

Protanomaly
74, 17.855, 319.221

Deuteranomaly
74, 17.554, 340.771

Tritanomaly
74, 26.902, 358.529

Monochromacy



Original Color
74, 30.778, 347.256

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.387, 345.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.778, 347.256 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(230, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(230, 162, 195)  
}
```

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(230, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 162, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.778, 347.256 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(230, 162, 195) }
```

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

```
.border{ border-color:rgb(230, 162, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(230, 162,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.778, 347.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 162, 195) }
```

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

```
.background{ background-color: rgb(230,  
162, 195) }
```

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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