

Converting Colors

CIELCh(74, 36.531, 347.459)

Have a look what the booklet for
CIELCh(74, 36.531, 347.459)
contains.

CIELCh(74, 36.358, 347.998)	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, 36.358, 347.998)

Conversions

Conversions Part 1

Format	Color
Hex	EF9EC5
RGB	239, 158, 197
RGB Percent	94%, 62%, 77%
CMY	0.0637, 0.3813, 0.2284
CMYK	0.00, 0.34, 0.18, 0.06
HSL	331°, 71%, 78%
HSV	331°, 34%, 94%
XYZ	57.7525, 46.7039, 58.6538
YIQ	186.6650, 35.7570, 29.3010

Conversions

Conversions Part 2

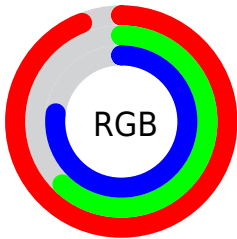
Format	Color
R_{YB}	239, 158, 197
Decimal	15703749
CIE _{Lab}	74.00, 35.56, -7.56
CIE _{LCh}	74, 36.358, 347.998
Yxy	46.7039, 0.3541, 0.2863
Android (android.graphics.Color)	4293893829 (0xFFEF9EC5)
YUV	186.6650, 5.0952, 45.8978
Hunter-Lab	68.3403, 31.2500, -3.0481

Details

The CIELCh color $74, 36.358, 347.998$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $88, 34.730, 161.372$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.269, 325.984$, and $54, 36.547, 348.266$ is the 20% darker color. If you saturate the color by 10%, you get $69, 46.918, 349.316$, and if you desaturate by 10%, it is $80, 25.524, 346.859$.

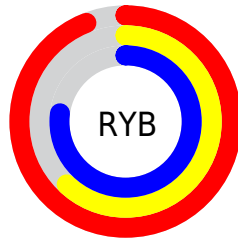
Distribution



Red (94%)

Green (62%)

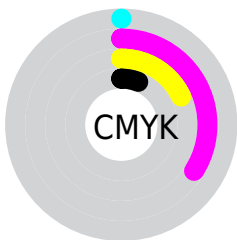
Blue (77%)



Red (94%)

Yellow (62%)

Blue (77%)

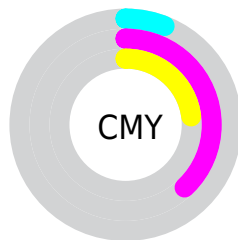


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (6%)



Cyan (6%)


Magenta (38%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 36.358, 347.998 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, 36.358, 347.998 by changing the saturation by 10% instead.

 74, 36.358,
347.998

 74, 36.358,
347.998


 100, 36.358,
347.998


 64, 36.358,
347.998


 94, 36.358,
347.998

 54, 36.358,
347.998

 44, 36.358,
347.998

 34, 36.358,
347.998

 24, 36.358,
347.998

 14, 36.358,
347.998

 4, 36.358, 347.998

0, 36.358, 347.998

74, 36.358,
347.998

74, 36.358,
347.998

69, 46.918,
349.316

80, 25.524,
346.859

64, 56.807,
350.876

86, 14.709,
345.847

59, 65.500,
352.773

92, 4.089, 344.871

98, 6.232, 164.255

56, 72.435,
355.137

99, 5.585, 199.170

53, 77.173,
358.130

52, 79.628, 1.921

■ 51, 80.379, 4.576

Harmonies

Complementary

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



74, 36.358, 347.998



88, 34.730, 161.372

Rectangle

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



74, 36.358, 347.998



74, 36.358, 37.998



74, 36.358, 167.998



74, 36.358, 217.998

Sweetspot

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



74, 36.355, 347.999



93, 11.096, 345.477



71, 46.397, 311.297



49, 7.584, 345.611



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, 36.355, 347.999



74, 46.289, 348.930



73, 32.158, 23.634



47, 5.992, 345.424



39, 66.061, 3.745



8, 29.284, 356.998

Inverse Universe

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



74, 36.355, 347.999



74, 46.289, 348.930



89, 25.307, 199.383



47, 5.992, 345.424



39, 66.061, 3.745



8, 29.284, 356.998

Previews

White Background



This preview shows how the CIELCh color 74, 36.358, 347.998 looks on a white background.

Color Contrast Check

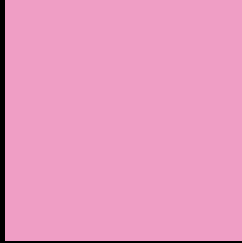
Large Text (above 18pt) WCAG AA × Fail

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, 36.358, 347.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

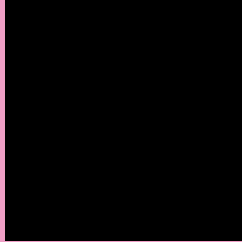
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 36.358, 347.998

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.358, 347.998.



This preview shows how white text looks on a background with the CIELCh color 74, 36.358, 347.998.

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, 29.459, 9.691

Trichromacy



Original Color
74, 36.358, 347.998



Protanomaly
74, 20.261, 319.140



Deuteranomaly
74, 19.996, 340.858

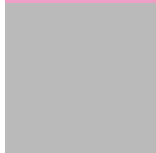


Tritanomaly
74, 31.586, 0.684

Monochromacy



Original Color
74, 36.358, 347.998



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.223, 345.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.358, 347.998 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(239, 158, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 158, 197)  
}
```

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(239, 158, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 158, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.358, 347.998 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(239, 158, 197) }
```

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

```
.border{ border-color:rgb(239, 158, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 158, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 158, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 158, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 158,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.358, 347.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 158, 197) }
```

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

```
.background{ background-color: rgb(239,  
158, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor