

Converting Colors

CIELCh(74, 32.553, 353.783)

Have a look what the booklet for
CIELCh(74, 32.553, 353.783)
contains.

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Color

CIELCh(74, 32.432, 354.031)

Conversions

Conversions Part 1

Format	Color
Hex	ECA0BD
RGB	236, 160, 189
RGB Percent	93%, 63%, 74%
CMY	0.0741, 0.3722, 0.2584
CMYK	0.00, 0.32, 0.20, 0.07
HSL	337°, 67%, 78%
HSV	337°, 32%, 93%
XYZ	56.4101, 46.7039, 54.2410
YIQ	186.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

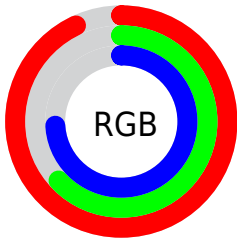
Format	Color
R _Y B	236, 160, 189
Decimal	15507645
CIE Lab	74.00, 32.26, -3.37
CIE LCh	74, 32.432, 354.031
Yxy	46.7039, 0.3585, 0.2968
Android (android.graphics.Color)	4293697725 (0xFFECA0BD)
YUV	186.0300, 1.4642, 43.8237
Hunter-Lab	68.3403, 27.7437, 0.7803

Details

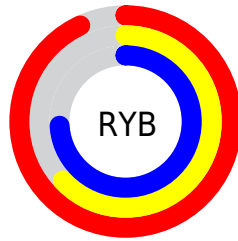
The CIELCh color **74, 32.432, 354.031** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **88, 30.256, 167.349**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 21.069, 333.366**, and **54, 32.769, 353.679** is the 20% darker color. If you saturate the color by 10%, you get **69, 42.648, 355.517**, and if you desaturate by 10%, it is **80, 22.131, 352.773**.

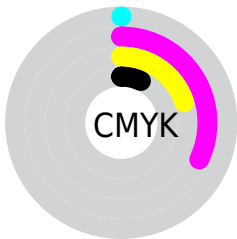
Distribution



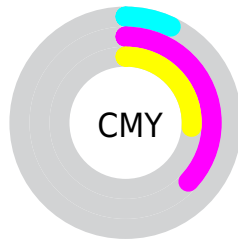
- Red (93%)
- Green (63%)
- Blue (74%)



- Red (93%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.432, 354.031 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, 32.432, 354.031 by changing the saturation by 10% instead.


 74, 32.432,
354.031


 74, 32.432,
354.031


 100, 32.432,
354.031


 64, 32.432,
354.031


 94, 32.432,
354.031

 54, 32.432,
354.031

 44, 32.432,
354.031

 34, 32.432,
354.031

 24, 32.432,
354.031

 14, 32.432,
354.031

 4, 32.432, 354.031

0, 32.432, 354.031

74, 32.432,
354.031

74, 32.432,
354.031

69, 42.648,
355.517

80, 22.131,
352.773

63, 52.442,
357.309

86, 11.982,
351.670

59, 61.353,
359.525

92, 2.121, 350.522

98, 7.385, 169.984

55, 68.872, 2.318

99, 6.479, 199.097

53, 74.585, 5.871

51, 78.404, 10.342

50, 80.511, 14.386

Harmonies

Complementary

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



74, 32.432, 354.031



88, 30.256, 167.349

Rectangle

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



74, 32.432, 354.031



74, 32.432, 44.031



74, 32.432, 174.031



74, 32.432, 224.031

Sweetspot

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



74, 32.429, 354.033



93, 10.426, 351.447



73, 44.290, 314.458



49, 7.129, 351.593



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, 32.429, 354.033



75, 41.955, 355.040



75, 27.592, 31.467



46, 5.530, 351.387



38, 65.816, 13.372



7, 27.900, 4.168

Inverse Universe

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



74, 32.429, 354.033



75, 41.955, 355.040



86, 21.854, 210.413



46, 5.530, 351.387



38, 65.816, 13.372



7, 27.900, 4.168

Previews

White Background



This preview shows how the CIELCh color 74, 32.432, 354.031 looks on a white background.

Color Contrast Check

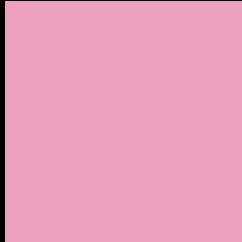
Large Text (above 18pt) WCAG AA × Fail

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, 32.432, 354.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

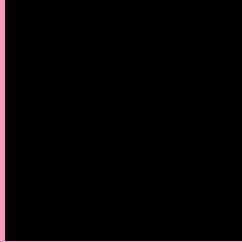
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 32.432, 354.031

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.432, 354.031.

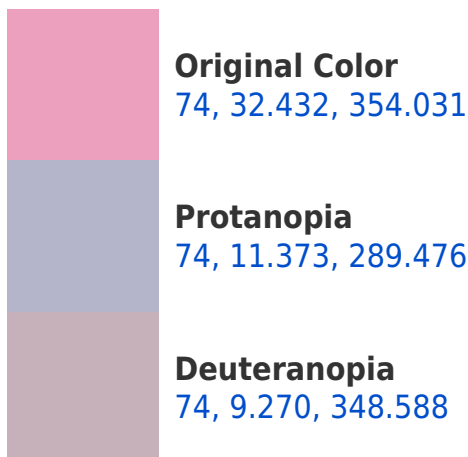


This preview shows how white text looks on a background with the CIELCh color 74, 32.432, 354.031.

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, 28.655, 9.239

Trichromacy



Original Color
74, 32.432, 354.031



Protanomaly
74, 16.394, 328.378



Deuteranomaly
74, 17.687, 351.873



Tritanomaly
74, 29.571, 3.311

Monochromacy



Original Color
74, 32.432, 354.031



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 11.498, 352.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.432, 354.031 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(236, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 160, 189)  
}
```

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(236, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 160, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.432, 354.031 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(236, 160, 189) }
```

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

```
.border{ border-color:rgb(236, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 160,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.432, 354.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 160, 189) }
```

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

```
.background{ background-color: rgb(236,  
160, 189) }
```

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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