

Converting Colors

CIELCh(74, 33.766, 343.495)

Have a look what the booklet for
CIELCh(74, 33.766, 343.495)
contains.

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Color

CIELCh(74, 33.369, 343.796)

Conversions

Conversions Part 1

Format	Color
Hex	E8A1C8
RGB	232, 161, 200
RGB Percent	91%, 63%, 78%
CMY	0.0910, 0.3694, 0.2165
CMYK	0.00, 0.31, 0.14, 0.09
HSL	327°, 60%, 77%
HSV	327°, 31%, 91%
XYZ	56.3244, 46.7039, 60.5680
YIQ	186.6750, 29.7970, 27.1810

Conversions

Conversions Part 2

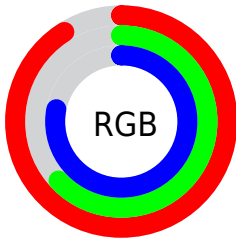
Format	Color
R _Y B	232, 161, 200
Decimal	15245768
CIE Lab	74.00, 32.04, -9.31
CIE LCh	74, 33.369, 343.796
Yxy	46.7039, 0.3443, 0.2855
Android (android.graphics.Color)	4293435848 (0xFFE8A1C8)
YUV	186.6750, 6.5692, 39.7500
Hunter-Lab	68.3403, 27.5200, -4.7088

Details

The CIELCh color $74, 33.369, 343.796$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 32.411, 158.304$, 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 $54, 33.518, 343.589$ is the 20% darker color. If you saturate the color by 10%, you get $69, 44.130, 344.911$, and if you desaturate by 10%, it is $80, 22.379, 342.807$.

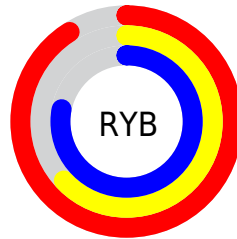
Distribution



Red (91%)

Green (63%)

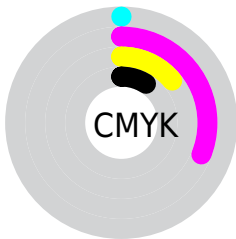
Blue (78%)



Red (91%)

Yellow (63%)

Blue (78%)

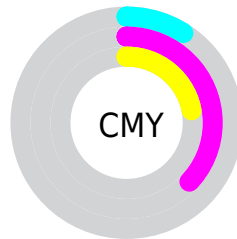


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (9%)



Cyan (9%)


Magenta (37%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.369, 343.796 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, 33.369, 343.796 by changing the saturation by 10% instead.


 74, 33.369,
343.796

 74, 33.369,
343.796


 100, 33.369,
343.796


 64, 33.369,
343.796


 94, 33.369,
343.796

 54, 33.369,
343.796

 44, 33.369,
343.796

 34, 33.369,
343.796

 24, 33.369,
343.796

 14, 33.369,
343.796

 4, 33.369, 343.796

0, 33.369, 343.796

74, 33.369,
343.796

74, 33.369,
343.796

69, 44.130,
344.911

80, 22.379,
342.807

64, 54.296,
346.193

86, 11.426,
341.904

59, 63.371,
347.707

92, 0.669, 340.488

56, 70.786,
349.544

98, 9.801, 160.442

98, 8.134, 188.242

53, 76.024,
351.829

98, 7.924, 198.988

51, 78.817,
354.710

■ 50,79.610,
357.999

Harmonies

Complementary

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



74, 33.369, 343.796



87, 32.411, 158.304

Rectangle

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



74, 33.369, 343.796



74, 33.369, 33.796



74, 33.369, 163.796



74, 33.369, 213.796

Sweetspot

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



74, 33.366, 343.797



94, 10.442, 341.765



71, 40.356, 308.914



49, 7.267, 341.894



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, 33.366, 343.797



77, 43.514, 344.513



73, 28.235, 18.195



45, 6.053, 341.801



39, 65.625, 357.298



7, 28.162, 351.296

Inverse Universe

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



74, 33.366, 343.797



77, 43.514, 344.513



87, 23.328, 193.259



45, 6.053, 341.801



39, 65.625, 357.298



7, 28.162, 351.296

Previews

White Background



This preview shows how the CIELCh color 74, 33.369, 343.796 looks on a white background.

Color Contrast Check

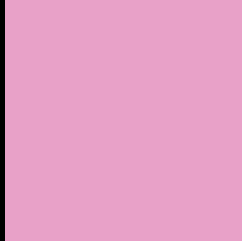
Large Text (above 18pt) WCAG AA × Fail

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, 33.369, 343.796 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, 33.369, 343.796

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.369, 343.796.



This preview shows how white text looks on a background with the CIELCh color 74, 33.369, 343.796.

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, 25.525, 7.261

Trichromacy



Original Color
74, 33.369, 343.796



Protanomaly
74, 20.125, 314.715



Deuteranomaly
74, 19.736, 333.472



Tritanomaly
74, 27.970, 357.195

Monochromacy



Original Color
74, 33.369, 343.796



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 12.305, 342.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.369, 343.796 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, 161, 200)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 200)  
}
```

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, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.369, 343.796 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, 161, 200) }
```

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

```
.border{ border-color:rgb(232, 161, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 161, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 161, 200);  
box-shadow:4px 4px 4px 4px rgb(232, 161,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.369, 343.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 200) }
```

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

```
.background{ background-color: rgb(232,  
161, 200) }
```

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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