

Converting Colors

CIELCh(75, 33.034, 342.101)

Have a look what the booklet for
CIELCh(75, 33.034, 342.101)
contains.

CIELCh(75, 33.035, 342.102)	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(75, 33.035, 342.102)

Conversions

Conversions Part 1

Format	Color
Hex	E9A4CC
RGB	233, 164, 204
RGB Percent	91%, 64%, 80%
CMY	0.0860, 0.3565, 0.1997
CMYK	0.00, 0.30, 0.12, 0.09
HSL	325°, 61%, 78%
HSV	325°, 30%, 91%
XYZ	57.8276, 48.2781, 63.4456
YIQ	189.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

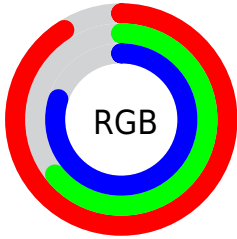
Format	Color
R _Y B	233, 164, 204
Decimal	15312076
CIE Lab	75.00, 31.44, -10.15
CIE LCh	75, 33.035, 342.102
Yxy	48.2781, 0.3411, 0.2847
Android (android.graphics.Color)	4293502156 (0xFFE9A4CC)
YUV	189.1910, 7.3008, 38.4205
Hunter-Lab	69.4824, 26.9645, -5.5010

Details

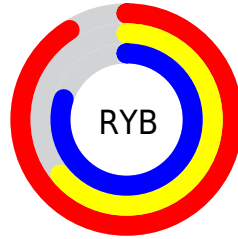
The CIELCh color **75, 33.035, 342.102** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 32.257, 156.978**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.910, 325.187**, and **55, 33.182, 341.732** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.054, 343.146**, and if you desaturate by 10%, it is **81, 21.791, 341.166**.

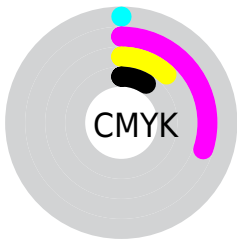
Distribution



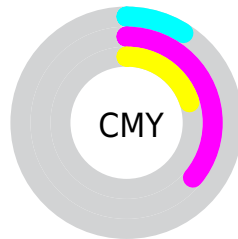
- Red (91%)
- Green (64%)
- Blue (80%)



- Red (91%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 33.035, 342.102 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 75, 33.035, 342.102 by changing the saturation by 10% instead.


 75, 33.035,
342.102


 75, 33.035,
342.102


 100, 33.035,
342.102


 65, 33.035,
342.102


 95, 33.035,
342.102

 55, 33.035,
342.102

 45, 33.035,
342.102

 35, 33.035,
342.102

 25, 33.035,
342.102

 15, 33.035,
342.102

 5, 33.035, 342.102

0, 33.035, 342.102

75, 33.035,
342.102

75, 33.035,
342.102

70, 44.054,
343.146

81, 21.791,
341.166

65, 54.484,
344.331

87, 10.586,
340.302

60, 63.830,
345.712

93, 0.423, 160.570

98, 9.772, 161.143

57, 71.518,
347.367

98, 7.602, 191.534

54, 77.004,
349.403

98, 7.494, 199.020

52, 79.974,
351.953

■ 51, 80.745,
355.095

■ 51, 80.764,
355.224

Harmonies

Complementary

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



75, 33.035, 342.102



87, 32.257, 156.978

Rectangle

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



75, 33.035, 342.102



75, 33.035, 32.102



75, 33.035, 162.102



75, 33.035, 212.102

Sweetspot

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



75, 33.032, 342.103



94, 10.665, 340.254



72, 38.961, 307.741



49, 7.421, 340.378



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 33.032, 342.103



78, 43.158, 342.774



74, 27.284, 15.490



46, 6.294, 340.290



39, 67.022, 354.617



8, 29.531, 349.412

Inverse Universe

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



75, 33.032, 342.103



78, 43.158, 342.774



88, 23.006, 190.326



46, 6.294, 340.290



39, 67.022, 354.617



8, 29.531, 349.412

Previews

White Background



This preview shows how the CIELCh color 75, 33.035, 342.102 looks on a white background.

Color Contrast Check

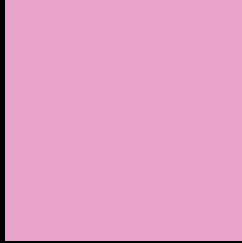
Large Text (above 18pt) WCAG AA × Fail

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 75, 33.035, 342.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

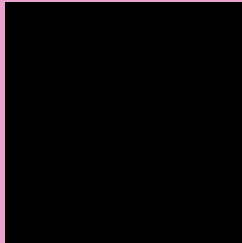
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 33.035, 342.102

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.035, 342.102.



This preview shows how white text looks on a background with the CIELCh color 75, 33.035, 342.102.

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

75, 33.035, 342.102

Protanopia

75, 18.389, 287.636

Deuteranopia

75, 12.802, 318.091



Tritanopia
75, 24.775, 5.454

Trichromacy



Original Color
75, 33.035, 342.102



Protanomaly
75, 21.208, 314.479



Deuteranomaly
75, 19.835, 331.565

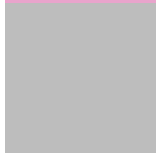


Tritanomaly
75, 26.829, 355.953

Monochromacy



Original Color
75, 33.035, 342.102



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 11.977, 341.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.035, 342.102 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(233, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(233, 164, 204)  
}
```

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(233, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 164, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.035, 342.102 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(233, 164, 204) }
```

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

```
.border{ border-color:rgb(233, 164, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 164, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 164,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.035, 342.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 164, 204) }
```

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

```
.background{ background-color: rgb(233,  
164, 204) }
```

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