

Converting Colors

CIELCh(75, 33.235, 343.156)

Have a look what the booklet for
CIELCh(75, 33.235, 343.156)
contains.

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Color

CIELCh(75, 33.007, 343.308)

Conversions

Conversions Part 1

Format	Color
Hex	EAA4CB
RGB	234, 164, 203
RGB Percent	92%, 64%, 80%
CMY	0.0829, 0.3574, 0.2044
CMYK	0.00, 0.30, 0.13, 0.08
HSL	327°, 62%, 78%
HSV	327°, 30%, 92%
XYZ	57.9013, 48.2781, 62.6831
YIQ	189.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

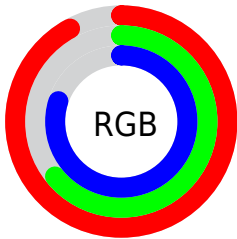
Format	Color
R_{YB}	234, 164, 203
Decimal	15377611
CIE _{Lab}	75.00, 31.62, -9.48
CIE _{LCh}	75, 33.007, 343.308
Yxy	48.2781, 0.3429, 0.2859
Android (android.graphics.Color)	4293567691 (0xFFEAA4CB)
YUV	189.3760, 6.7166, 39.1352
Hunter-Lab	69.4824, 27.1538, -4.8503

Details

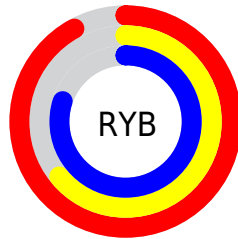
The CIELCh color **75, 33.007, 343.308** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 32.116, 158.001**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.910, 325.187**, and **55, 33.140, 343.028** is the 20% darker color. If you saturate the color by 10%, you get **70, 43.915, 344.399**, and if you desaturate by 10%, it is **81, 21.883, 342.337**.

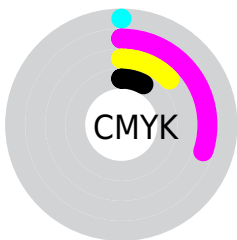
Distribution



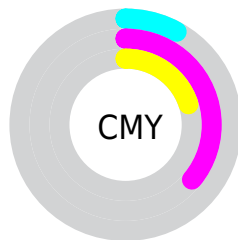
- Red (92%)
- Green (64%)
- Blue (80%)



- Red (92%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (8%)





- Cyan (8%)
- Magenta (36%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 33.007, 343.308 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, 33.007, 343.308 by changing the saturation by 10% instead.


 75, 33.007,
343.308


 75, 33.007,
343.308


 100, 33.007,
343.308


 65, 33.007,
343.308


 95, 33.007,
343.308

 55, 33.007,
343.308

 45, 33.007,
343.308

 35, 33.007,
343.308

 25, 33.007,
343.308

 15, 33.007,
343.308

 5, 33.007, 343.308

0, 33.007, 343.308

75, 33.007,
343.308

75, 33.007,
343.308

70, 43.915,
344.399

81, 21.883,
342.337

65, 54.243,
345.648

87, 10.805,
341.446

60, 63.497,
347.116

93, 0.071, 166.788

98, 9.228, 162.664

57, 71.104,
348.891

99, 7.243, 197.625

54, 76.529,
351.091

99, 7.233, 199.039

52, 79.479,
353.860

■ 51, 80.327,
357.266

■ 51, 80.332,
357.292

Harmonies

Complementary

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



75, 33.007, 343.308



87, 32.116, 158.001

Rectangle

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



75, 33.007, 343.308



75, 33.007, 33.308



75, 33.007, 163.308



75, 33.007, 213.308

Sweetspot

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



75, 33.004, 343.309



94, 10.499, 341.369



72, 39.598, 308.319



49, 7.307, 341.496



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, 33.004, 343.309



78, 42.558, 343.973



74, 27.700, 16.820



46, 6.196, 341.406



39, 66.477, 356.629



8, 29.237, 350.996

Inverse Universe

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



75, 33.004, 343.309



78, 42.558, 343.973



88, 23.150, 191.793



46, 6.196, 341.406



39, 66.477, 356.629



8, 29.237, 350.996

Previews

White Background



This preview shows how the CIELCh color 75, 33.007, 343.308 looks on a white background.

Color Contrast Check

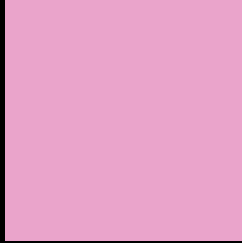
Large Text (above 18pt) WCAG AA × Fail

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, 33.007, 343.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

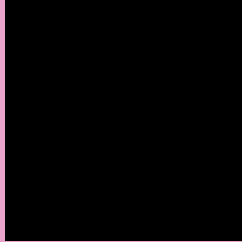
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 33.007, 343.308

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.007, 343.308.

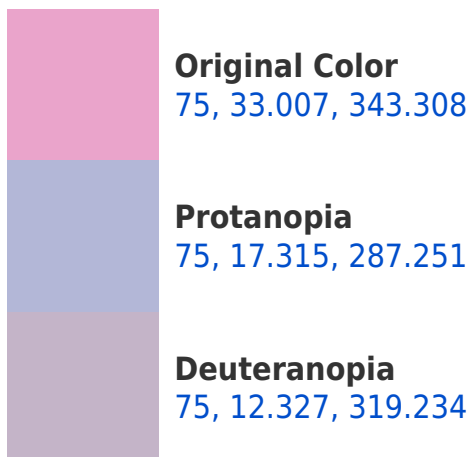


This preview shows how white text looks on a background with the CIELCh color 75, 33.007, 343.308.

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
75, 25.151, 5.748

Trichromacy



Original Color
75, 33.007, 343.308

Protanomaly
75, 20.716, 315.053

Deuteranomaly
75, 19.681, 333.456

Tritanomaly
75, 27.728, 355.732

Monochromacy



Original Color
75, 33.007, 343.308

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, 33.007, 343.308 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(234, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(234, 164, 203)  
}
```

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(234, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 164, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.007, 343.308 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(234, 164, 203) }
```

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

```
.border{ border-color:rgb(234, 164, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 164, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(234, 164,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.007, 343.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 164, 203) }
```

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

```
.background{ background-color: rgb(234,  
164, 203) }
```

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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