

Converting Colors

CIELCh(73, 35.732, 338.029)

Have a look what the booklet for
CIELCh(73, 35.732, 338.029)
contains.

CIELCh(73, 35.416, 338.434)	3
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Color

CIELCh(73, 35.416, 338.434)

Conversions

Conversions Part 1

Format	Color
Hex	E49ECC
RGB	228, 158, 204
RGB Percent	89%, 62%, 80%
CMY	0.1069, 0.3814, 0.2010
CMYK	0.00, 0.31, 0.11, 0.11
HSL	321°, 56%, 76%
HSV	321°, 31%, 89%
XYZ	54.9608, 45.1644, 62.7839
YIQ	184.1740, 26.9540, 29.1460

Conversions

Conversions Part 2

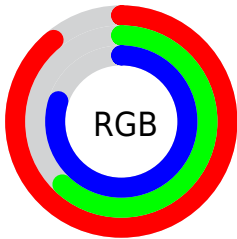
Format	Color
R_{YB}	228, 158, 204
Decimal	14982860
CIE _{Lab}	73.00, 32.94, -13.02
CIE _{LCh}	73, 35.416, 338.434
Yxy	45.1644, 0.3374, 0.2772
Android (android.graphics.Color)	4293172940 (0xFFE49ECC)
YUV	184.1740, 9.7742, 38.4354
Hunter-Lab	67.2044, 28.3721, -8.3470

Details

The CIELCh color **73, 35.416, 338.434** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85, 34.891, 153.480**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.319, 325.341**, and **53, 35.306, 338.614** is the 20% darker color. If you saturate the color by 10%, you get **68, 46.662, 339.347**, and if you desaturate by 10%, it is **78, 23.856, 337.596**.

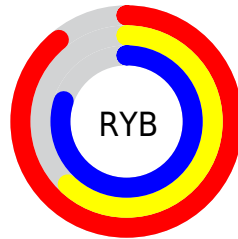
Distribution



Red (89%)

Green (62%)

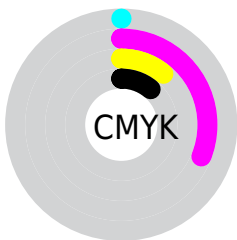
Blue (80%)



Red (89%)

Yellow (62%)

Blue (80%)

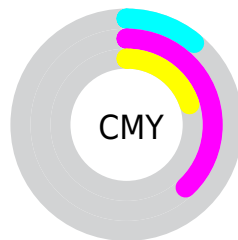


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 35.416, 338.434 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 73, 35.416, 338.434 by changing the saturation by 10% instead.


 73, 35.416,
338.434


 73, 35.416,
338.434


 100, 35.416,
338.434


 63, 35.416,
338.434


 93, 35.416,
338.434

 53, 35.416,
338.434

 43, 35.416,
338.434

 33, 35.416,
338.434

 23, 35.416,
338.434

 13, 35.416,
338.434

 3, 35.416, 338.434

■ 0, 35.416, 338.434

■ 73, 35.416,
338.434

■ 73, 35.416,
338.434

■ 68, 46.662,
339.347

■ 78, 23.856,
337.596

■ 63, 57.208,
340.357

■ 84, 12.269,
336.809

■ 59, 66.542,
341.499

■ 90, 0.832, 335.656

■ 56, 74.085,
342.828

■ 96, 10.345,
155.489

■ 53, 79.309,
344.419

■ 98, 11.421,
165.637

■ 51, 81.925,
346.367

■ 98, 9.655, 185.332

■ 98, 9.273, 198.891

■ 50, 82.374,
348.530

Harmonies

Complementary

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



73, 35.416, 338.434



85, 34.891, 153.480

Rectangle

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



73, 35.416, 338.434



73, 35.416, 28.434



73, 35.416, 158.434



73, 35.416, 208.434

Sweetspot

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



73, 35.413, 338.435



94, 11.265, 336.680



69, 39.363, 305.027



49, 7.838, 336.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 35.413, 338.435



77, 46.604, 339.018



72, 28.018, 9.245



45, 6.529, 336.711



39, 68.867, 348.095



7, 29.767, 344.117

Inverse Universe

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



73, 35.413, 338.435



77, 46.604, 339.018



86, 24.299, 183.077



45, 6.529, 336.711



39, 68.867, 348.095



7, 29.767, 344.117

Previews

White Background



This preview shows how the CIELCh color 73, 35.416, 338.434 looks on a white background.

Color Contrast Check

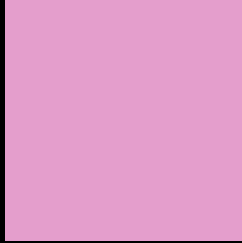
Large Text (above 18pt) WCAG AA × Fail

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 73, 35.416, 338.434 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 73, 35.416, 338.434

Background



This preview shows how black text looks on a background with the CIELCh color 73, 35.416, 338.434.



This preview shows how white text looks on a background with the CIELCh color 73, 35.416, 338.434.

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
73, 24.436, 6.460

Trichromacy



Original Color
73, 35.416, 338.434



Protanomaly
73, 23.592, 310.381



Deuteranomaly
73, 21.604, 325.321



Tritanomaly
73, 27.381, 353.956

Monochromacy



Original Color
73, 35.416, 338.434



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 13.369, 337.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 35.416, 338.434 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(228, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 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(228, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 35.416, 338.434 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(228, 158, 204) }
```

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

```
.border{ border-color:rgb(228, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(228, 158,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 35.416, 338.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 204) }
```

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

```
.background{ background-color: rgb(228,  
158, 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](#).

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