

Converting Colors

CIELCh(77, 34.267, 325.616)

Have a look what the booklet for
CIELCh(77, 34.267, 325.616)
contains.

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Color

CIELCh(77, 34.008, 325.719)

Conversions

Conversions Part 1

Format	Color
Hex	E2ADE2
RGB	226, 173, 226
RGB Percent	89%, 68%, 89%
CMY	0.1138, 0.3216, 0.1138
CMYK	0.00, 0.23, 0.00, 0.11
HSL	300°, 48%, 78%
HSV	300°, 23%, 89%
XYZ	60.0186, 51.5317, 78.7160
YIQ	194.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

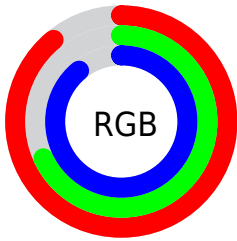
Format	Color
R _Y B	226, 173, 226
Decimal	14855650
CIE _{Lab}	77.00, 28.10, -19.16
CIE _{LCh}	77, 34.008, 325.719
Y _{xy}	51.5317, 0.3154, 0.2708
Android (android.graphics.Color)	4293045730 (0xFFE2ADE2)
Y _{UV}	194.8890, 15.3377, 27.2843
Hunter-Lab	71.7856, 23.6157, -14.7640

Details

The CIELCh color $77, 34.008, 325.719$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 33.990, 142.888$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $57, 34.246, 325.472$ is the 20% darker color. If you saturate the color by 10%, you get $72, 48.320, 326.251$, and if you desaturate by 10%, it is $82, 19.466, 325.167$.

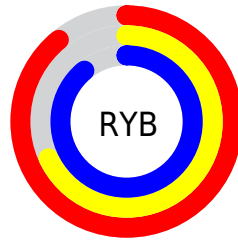
Distribution



Red (89%)

Green (68%)

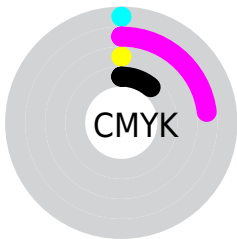
Blue (89%)



Red (89%)

Yellow (68%)

Blue (89%)

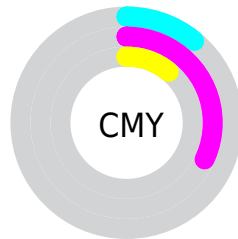


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 34.008, 325.719 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 77, 34.008, 325.719 by changing the saturation by 10% instead.


 77, 34.008,
325.719


 77, 34.008,
325.719


 100, 34.008,
325.719


 67, 34.008,
325.719


 97, 34.008,
325.719

 57, 34.008,
325.719

 47, 34.008,
325.719

 37, 34.008,
325.719

 27, 34.008,
325.719

 17, 34.008,
325.719

 7, 34.008, 325.719

77, 34.008,
325.719

77, 34.008,
325.719

72, 48.320,
326.251

82, 19.466,
325.167

67, 62.037,
326.748

88, 4.969, 324.575

63, 74.676,
327.196

94, 9.306, 144.120

60, 85.682,
327.575

97, 18.127,
143.771

57, 94.507,
327.873

97, 18.126,
143.771

55, 100.741,
328.079

97, 18.126,
143.771

97, 18.126,

■ 54, 104.275,
328.194

143.772

■ 54, 105.479,
328.233

■ 97, 18.126,
143.772

■ 97, 18.126,
143.772

Harmonies

Complementary

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



77, 34.008, 325.719



85, 33.990, 142.888

Rectangle

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



77, 34.008, 325.719



77, 34.008, 15.719



77, 34.008, 145.719



77, 34.008, 195.719

Sweetspot

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



77, 34.005, 325.719



96, 11.134, 324.801



72, 28.869, 292.917



51, 7.237, 324.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 34.005, 325.719



83, 44.738, 325.974



76, 24.200, 345.751



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Inverse Universe

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



77, 34.005, 325.719



83, 44.738, 325.974



86, 23.501, 161.552



44, 8.154, 324.940



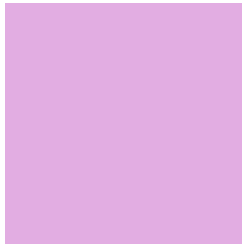
42, 87.489, 328.233



8, 35.925, 328.229

Previews

White Background



This preview shows how the CIELCh color 77, 34.008, 325.719 looks on a white background.

Color Contrast Check

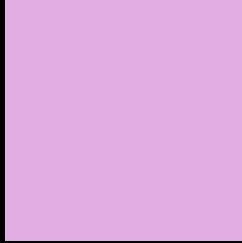
Large Text (above 18pt) WCAG AA × Fail

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 77, 34.008, 325.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

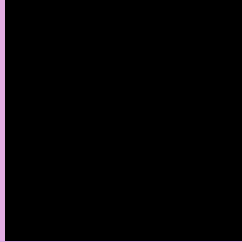
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.008, 325.719

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.008, 325.719.

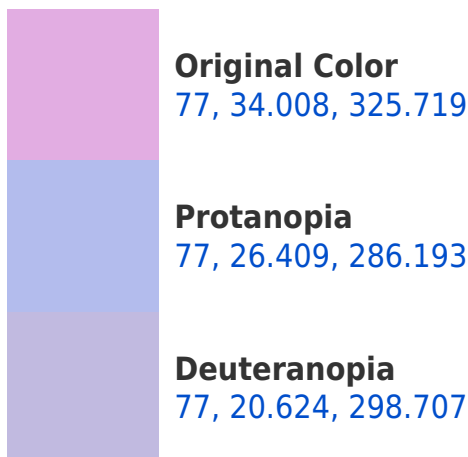



This preview shows how white text looks on a background with the CIELCh color 77, 34.008, 325.719.

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
77, 17.446, 355.578

Trichromacy



Original Color
77, 34.008, 325.719

Protanomaly
77, 27.353, 301.788

Deuteranomaly
77, 25.206, 311.514

Tritanomaly
77, 22.574, 339.832

Monochromacy



Original Color
77, 34.008, 325.719

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 12.354, 324.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.008, 325.719 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(226, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 226)  
}
```

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(226, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.008, 325.719 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(226, 173, 226) }
```

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

```
.border{ border-color:rgb(226, 173, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 173,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.008, 325.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 226) }
```

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

```
.background{ background-color: rgb(226,  
173, 226) }
```

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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