

Converting Colors

CIELCh(77, 33.466, 314.897)

Have a look what the booklet for
CIELCh(77, 33.466, 314.897)
contains.

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Color

CIELCh(77, 33.278, 315.148)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1EA
RGB	214, 177, 234
RGB Percent	84%, 69%, 92%
CMY	0.1618, 0.3068, 0.0834
CMYK	0.09, 0.24, 0.00, 0.08
HSL	279°, 57%, 80%
HSV	279°, 24%, 92%
XYZ	58.1460, 51.5317, 84.5305
YIQ	194.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

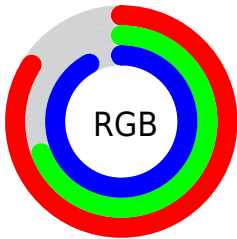
Format	Color
RYB	214, 177, 234
Decimal	14070250
CIELab	77.00, 23.59, -23.47
CIELCh	77, 33.278, 315.148
Yxy	51.5317, 0.2994, 0.2653
Android (android.graphics.Color)	4292260330 (0xFFD6B1EA)
YUV	194.5610, 19.4434, 17.0480
Hunter-Lab	71.7856, 18.9593, -19.5665

Details

The CIELCh color $77, 33.278, 315.148$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 32.546, 132.992$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $57, 33.317, 315.362$ is the 20% darker color. If you saturate the color by 10%, you get $71, 47.251, 315.596$, and if you desaturate by 10%, it is $83, 19.432, 314.699$.

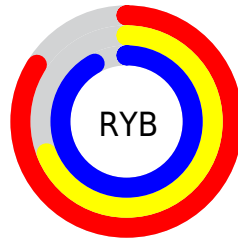
Distribution



Red (84%)

Green (69%)

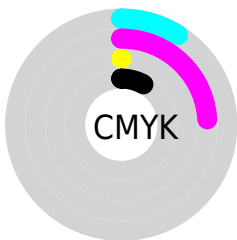
Blue (92%)



Red (84%)

Yellow (69%)

Blue (92%)

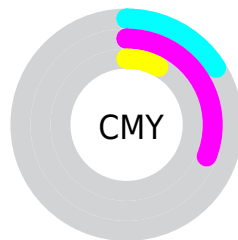


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.278, 315.148 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, 33.278, 315.148 by changing the saturation by 10% instead.


 77, 33.278,
315.148


 77, 33.278,
315.148


 100, 33.278,
315.148


 67, 33.278,
315.148


 97, 33.278,
315.148

 57, 33.278,
315.148

 47, 33.278,
315.148

 37, 33.278,
315.148

 27, 33.278,
315.148

 17, 33.278,
315.148

 7, 33.278, 315.148

0, 33.278, 315.148

77, 33.278,
315.148

77, 33.278,
315.148

71, 47.251,
315.596

83, 19.432,
314.699

65, 61.133,
316.022

90, 5.853, 314.249

59, 74.569,
316.390

96, 7.390, 133.905

99, 11.217,
124.995

54, 87.032,
316.647

99, 10.761,
109.826

49, 97.827,
316.727

99, 10.759,
109.364

46, 106.172,
316.551

■ 43, 111.454,
316.048

■ 42, 113.340,
315.652

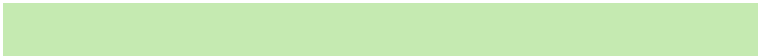
Harmonies

Complementary

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



77, 33.278, 315.148



89, 32.546, 132.992

Rectangle

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



77, 33.278, 315.148



77, 33.278, 5.148



77, 33.278, 135.148



77, 33.278, 185.148

Sweetspot

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



77, 33.276, 315.148



95, 10.069, 314.372



79, 20.239, 272.049



50, 6.547, 314.400



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, 33.276, 315.148



80, 42.638, 315.362



79, 33.176, 329.766



46, 7.658, 314.481



32, 93.499, 315.822



6, 38.339, 316.646

Inverse Universe

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



78, 23.814, 355.049



81, 30.575, 355.662



88, 33.103, 146.591



46, 5.434, 353.364



38, 66.388, 16.300



7, 27.834, 6.230

Previews

White Background



This preview shows how the CIELCh color 77, 33.278, 315.148 looks on a white background.

Color Contrast Check

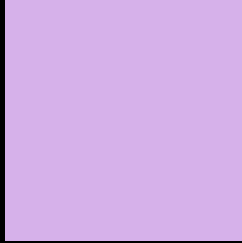
Large Text (above 18pt) WCAG AA × Fail

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, 33.278, 315.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

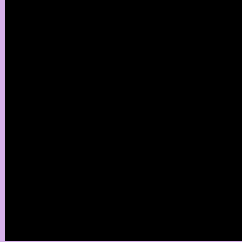
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.278, 315.148

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.278, 315.148.



This preview shows how white text looks on a background with the CIELCh color 77, 33.278, 315.148.

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, 12.278, 339.517

Trichromacy



Original Color
77, 33.278, 315.148

Protanomaly
77, 29.710, 296.650

Deuteranomaly
77, 27.409, 302.490

Tritanomaly
77, 19.271, 324.285

Monochromacy



Original Color
77, 33.278, 315.148

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.759, 314.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.278, 315.148 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(214, 177, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 234)  
}
```

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(214, 177, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.278, 315.148 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(214, 177, 234) }
```

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

```
.border{ border-color:rgb(214, 177, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.278, 315.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 234) }
```

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

```
.background{ background-color: rgb(214,  
177, 234) }
```

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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