

Converting Colors

CIELCh(77, 25.862, 333.794)

Have a look what the booklet for
CIELCh(77, 25.862, 333.794)
contains.

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Color

CIELCh(77, 25.965, 333.763)

Conversions

Conversions Part 1

Format	Color
Hex	E0B0D4
RGB	224, 176, 212
RGB Percent	88%, 69%, 83%
CMY	0.1224, 0.3106, 0.1694
CMYK	0.00, 0.21, 0.05, 0.12
HSL	315°, 43%, 78%
HSV	315°, 21%, 88%
XYZ	58.0220, 51.5317, 69.0428
YIQ	194.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

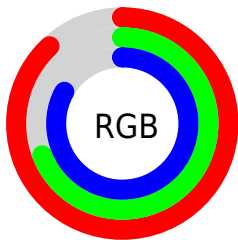
Format	Color
R_{YB}	224, 176, 212
Decimal	14725332
CIE _{Lab}	77.00, 23.29, -11.48
CIE _{LCh}	77, 25.965, 333.763
Yxy	51.5317, 0.3249, 0.2885
Android (android.graphics.Color)	4292915412 (0xFFE0B0D4)
YUV	194.4560, 8.6492, 25.9101
Hunter-Lab	71.7856, 18.6510, -6.7747

Details

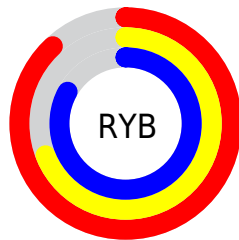
The CIELCh color $77, 25.965, 333.763$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 25.805, 150.766$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $57, 25.796, 333.893$ is the 20% darker color. If you saturate the color by 10%, you get $72, 38.050, 334.493$, and if you desaturate by 10%, it is $83, 13.789, 333.062$.

Distribution



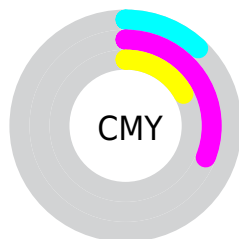
- Red (88%)
- Green (69%)
- Blue (83%)



- Red (88%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 25.965, 333.763 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, 25.965, 333.763 by changing the saturation by 10% instead.


 77, 25.965,
333.763

 77, 25.965,
333.763


 100, 25.965,
333.763


 67, 25.965,
333.763


 97, 25.965,
333.763

 57, 25.965,
333.763

 47, 25.965,
333.763

 37, 25.965,
333.763

 27, 25.965,
333.763

 17, 25.965,
333.763

 7, 25.965, 333.763

0, 25.965, 333.763

77, 25.965,
333.763

77, 25.965,
333.763

72, 38.050,
334.493

83, 13.789,
333.062

67, 49.751,
335.260

88, 1.730, 332.229

62, 60.653,
336.075

94, 10.091,
151.845

58, 70.234,
336.953

97, 15.360,
154.755

55, 77.920,
337.921

97, 13.446,
163.281

53, 83.204,
339.020

98, 11.900,
174.258

■ 51, 85.823,
340.304

■ 98, 10.882,
187.822

■ 50, 86.300,
341.568

■ 98, 10.567,
198.801

Harmonies

Complementary

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



77, 25.965, 333.763



85, 25.805, 150.766

Rectangle

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



77, 25.965, 333.763



77, 25.965, 23.763



77, 25.965, 153.763



77, 25.965, 203.763

Sweetspot

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



77, 25.962, 333.764



96, 8.008, 332.682



74, 26.381, 300.845



51, 5.314, 332.729



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, 25.962, 333.764



84, 35.016, 334.106



76, 19.402, 0.533



44, 6.849, 332.924



39, 72.307, 341.299



7, 30.348, 338.687

Inverse Universe

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



77, 25.962, 333.764



84, 35.016, 334.106



86, 18.085, 176.289



44, 6.849, 332.924



39, 72.307, 341.299



7, 30.348, 338.687

Previews

White Background



This preview shows how the CIELCh color 77, 25.965, 333.763 looks on a white background.

Color Contrast Check

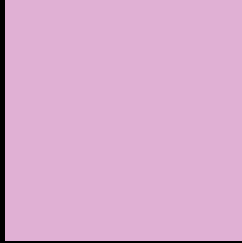
Large Text (above 18pt) WCAG AA × Fail

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, 25.965, 333.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

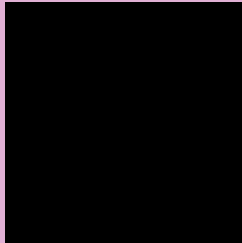
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.965, 333.763

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.965, 333.763.




This preview shows how white text looks on a background with the CIELCh color 77, 25.965, 333.763.

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, 25.965, 333.763

Protanomaly
77, 18.600, 308.197

Deuteranomaly
77, 18.427, 323.257

Tritanomaly
77, 20.102, 345.382

Monochromacy



Original Color
77, 25.965, 333.763

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.642, 333.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.965, 333.763 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(224, 176, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 212)  
}
```

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(224, 176, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.965, 333.763 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(224, 176, 212) }
```

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

```
.border{ border-color:rgb(224, 176, 212) }
```

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

Here you see how a box with a 4 pixel rgb(224, 176, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.965, 333.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 212) }
```

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

```
.background{ background-color: rgb(224,  
176, 212) }
```

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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