

Converting Colors

CIELCh(77, 23.281, 337.816)

Have a look what the booklet for
CIELCh(77, 23.281, 337.816)
contains.

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Color

CIELCh(77, 23.257, 337.811)

Conversions

Conversions Part 1

Format	Color
Hex	DFB1CF
RGB	223, 177, 207
RGB Percent	87%, 69%, 81%
CMY	0.1262, 0.3065, 0.1889
CMYK	0.00, 0.21, 0.07, 0.13
HSL	321°, 42%, 78%
HSV	321°, 21%, 87%
XYZ	57.3047, 51.5317, 65.8442
YIQ	194.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

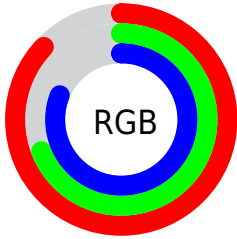
Format	Color
R _Y B	223, 177, 207
Decimal	14660047
CIE Lab	77.00, 21.53, -8.78
CIE LCh	77, 23.257, 337.811
Yxy	51.5317, 0.3281, 0.2950
Android (android.graphics.Color)	4292850127 (0xFFDFB1CF)
YUV	194.1740, 6.3232, 25.2804
Hunter-Lab	71.7856, 16.8673, -4.1329

Details

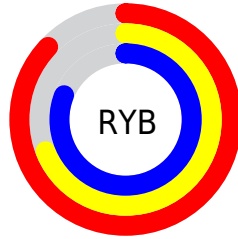
The CIELCh color **77, 23.257, 337.811** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85, 22.991, 154.671**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **57, 23.331, 337.194** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.575, 338.656**, and if you desaturate by 10%, it is **83, 11.910, 337.022**.

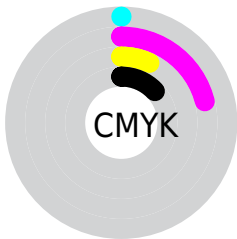
Distribution



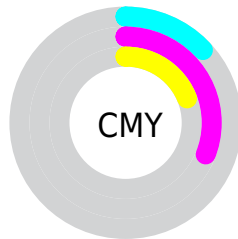
- Red (87%)
- Green (69%)
- Blue (81%)



- Red (87%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 23.257, 337.811 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, 23.257, 337.811 by changing the saturation by 10% instead.


 77, 23.257,
337.811


 77, 23.257,
337.811


 100, 23.257,
337.811


 67, 23.257,
337.811


 97, 23.257,
337.811

 57, 23.257,
337.811

 47, 23.257,
337.811

 37, 23.257,
337.811

 27, 23.257,
337.811

 17, 23.257,
337.811

 7, 23.257, 337.811

0, 23.257, 337.811

77, 23.257,
337.811

77, 23.257,
337.811

72, 34.575,
338.656

83, 11.910,
337.022

67, 45.600,
339.574

88, 0.716, 335.797

62, 55.947,
340.593

94, 10.223,
155.698

58, 65.118,
341.747

97, 14.339,
160.859

54, 72.547,
343.092

98, 12.150,
175.320

52, 77.716,
344.705

98, 10.970,
194.291

■ 50, 80.333,
346.682

■ 98, 10.885,
198.779

■ 49, 80.825,
348.902

Harmonies

Complementary

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



77, 23.257, 337.811



85, 22.991, 154.671

Rectangle

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



77, 23.257, 337.811



77, 23.257, 27.811



77, 23.257, 157.811



77, 23.257, 207.811

Sweetspot

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



77, 23.254, 337.812



96, 7.464, 336.660



75, 25.542, 304.295



51, 4.954, 336.713



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, 23.254, 337.812



84, 31.470, 338.188



76, 18.024, 7.882



44, 6.387, 336.929



39, 67.958, 348.464



7, 28.528, 344.246

Inverse Universe

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



77, 23.254, 337.812



84, 31.470, 338.188



85, 16.434, 184.041



44, 6.387, 336.929



39, 67.958, 348.464



7, 28.528, 344.246

Previews

White Background



This preview shows how the CIELCh color 77, 23.257, 337.811 looks on a white background.

Color Contrast Check

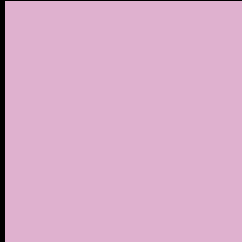
Large Text (above 18pt) WCAG AA × Fail

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, 23.257, 337.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

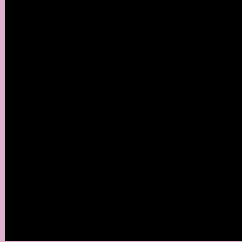
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.257, 337.811

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.257, 337.811.

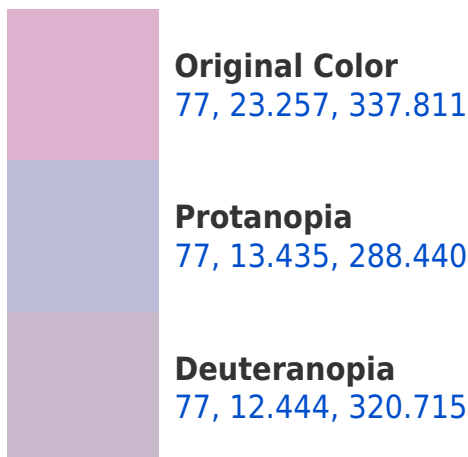


This preview shows how white text looks on a background with the CIELCh color 77, 23.257, 337.811.

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, 23.257, 337.811

Protanomaly
77, 15.036, 312.226

Deuteranomaly
77, 16.477, 329.387

Tritanomaly
77, 19.543, 347.987

Monochromacy



Original Color
77, 23.257, 337.811

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.362, 335.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.257, 337.811 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(223, 177, 207)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 207)  
}
```

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(223, 177, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.257, 337.811 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(223, 177, 207) }
```

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

```
.border{ border-color:rgb(223, 177, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 207);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.257, 337.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 207) }
```

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

```
.background{ background-color: rgb(223,  
177, 207) }
```

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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