

Converting Colors

CIELCh(77, 32.206, 326.898)

Have a look what the booklet for
CIELCh(77, 32.206, 326.898)
contains.

CIELCh(77, 31.899, 326.766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 31.899, 326.766)

Conversions

Conversions Part 1

Format	Color
Hex	E1AEDF
RGB	225, 174, 223
RGB Percent	88%, 68%, 87%
CMY	0.1181, 0.3181, 0.1260
CMYK	0.00, 0.23, 0.01, 0.12
HSL	302°, 46%, 78%
HSV	302°, 23%, 88%
XYZ	59.4251, 51.5317, 76.5360
YIQ	194.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

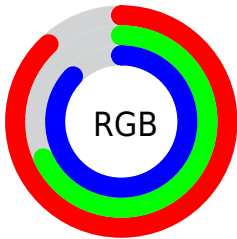
Format	Color
R_{YB}	225, 174, 223
Decimal	14790367
CIE _{Lab}	77.00, 26.68, -17.48
CIE _{LCh}	77, 31.899, 326.766
Yxy	51.5317, 0.3169, 0.2748
Android (android.graphics.Color)	4292980447 (0xFFE1AEDF)
YUV	194.8350, 13.8853, 26.4547
Hunter-Lab	71.7856, 22.1398, -12.9636

Details

The CIELCh color $77, 31.899, 326.766$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 31.872, 143.997$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $57, 32.038, 326.532$ is the 20% darker color. If you saturate the color by 10%, you get $72, 45.820, 327.320$, and if you desaturate by 10%, it is $82, 17.784, 326.198$.

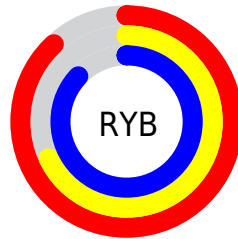
Distribution



Red (88%)

Green (68%)

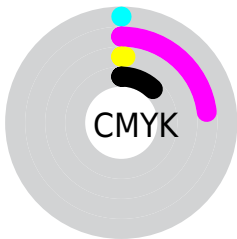
Blue (87%)



Red (88%)

Yellow (68%)

Blue (87%)

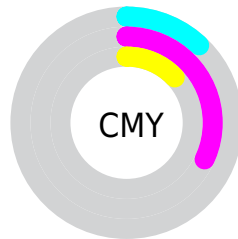


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.899, 326.766 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, 31.899, 326.766 by changing the saturation by 10% instead.


 77, 31.899,
326.766


 77, 31.899,
326.766


 100, 31.899,
326.766


 67, 31.899,
326.766


 97, 31.899,
326.766

 57, 31.899,
326.766

 47, 31.899,
326.766

 37, 31.899,
326.766

 27, 31.899,
326.766

 17, 31.899,
326.766

 7, 31.899, 326.766

0, 31.899, 326.766

77, 31.899,
326.766

77, 31.899,
326.766

72, 45.820,
327.320

82, 17.784,
326.198

67, 59.200,
327.851

88, 3.735, 325.577

63, 71.572,
328.343

94, 10.086,
145.135

59, 82.389,
328.785

97, 18.179,
145.116

57, 91.093,
329.164

97, 17.813,
145.953

55, 97.249,
329.476

97, 17.451,
146.824

■ 53, 100.700,
329.724

■ 97, 17.092,
147.730

■ 53, 101.873,
329.875

■ 97, 16.738,
148.674

■ 97, 16.387,
149.657

Harmonies

Complementary

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



77, 31.899, 326.766



85, 31.872, 143.997

Rectangle

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



77, 31.899, 326.766



77, 31.899, 16.766



77, 31.899, 146.766



77, 31.899, 196.766

Sweetspot

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



77, 31.896, 326.766



96, 10.842, 325.869



73, 27.770, 293.963



51, 7.047, 325.905



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, 31.896, 326.766



84, 42.032, 327.019



76, 22.821, 347.579



44, 7.940, 326.011



41, 84.852, 329.848



8, 34.998, 329.568

Inverse Universe

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



77, 31.896, 326.766



84, 42.032, 327.019



85, 22.075, 163.425



44, 7.940, 326.011



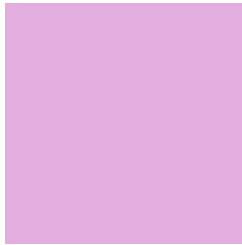
41, 84.852, 329.848



8, 34.998, 329.568

Previews

White Background



This preview shows how the CIELCh color 77, 31.899, 326.766 looks on a white background.

Color Contrast Check

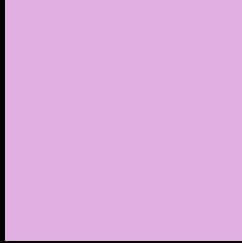
Large Text (above 18pt) WCAG AA × Fail

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, 31.899, 326.766 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, 31.899, 326.766

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.899, 326.766.



This preview shows how white text looks on a background with the CIELCh color 77, 31.899, 326.766.

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



Original Color
77, 31.899, 326.766

Protanopia
77, 23.733, 285.142

Deuteranopia
77, 19.077, 300.214



Tritanopia
77, 17.446, 355.578

Trichromacy



Original Color
77, 31.899, 326.766

Protanomaly
77, 24.632, 301.879

Deuteranomaly
77, 23.066, 312.426

Tritanomaly
77, 21.967, 340.220

Monochromacy



Original Color
77, 31.899, 326.766

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.919, 326.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.899, 326.766 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(225, 174, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 174, 223)  
}
```

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(225, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 174, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.899, 326.766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

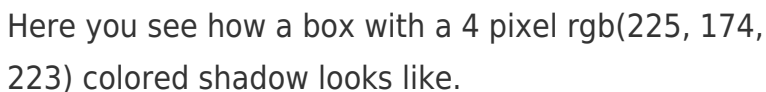
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 174, 223) }
```

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

```
.border{ border-color:rgb(225, 174, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 174, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 174, 223); box-shadow:4px 4px 4px 4px rgb(225, 174, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.899, 326.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 174, 223) }
```

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

```
.background{ background-color: rgb(225,  
174, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor