

Converting Colors

CIELCh(77, 34.306, 326.322)

Have a look what the booklet for
CIELCh(77, 34.306, 326.322)
contains.

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Color

CIELCh(77, 34.192, 326.245)

Conversions

Conversions Part 1

Format	Color
Hex	E3ADE2
RGB	227, 173, 226
RGB Percent	89%, 68%, 89%
CMY	0.1110, 0.3227, 0.1149
CMYK	0.00, 0.24, 0.00, 0.11
HSL	301°, 49%, 78%
HSV	301°, 24%, 89%
XYZ	60.1563, 51.5317, 78.5102
YIQ	195.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

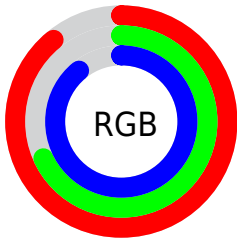
Format	Color
R _Y B	227, 173, 226
Decimal	14921186
CIE Lab	77.00, 28.43, -19.00
CIE LCh	77, 34.192, 326.245
Yxy	51.5317, 0.3163, 0.2709
Android (android.graphics.Color)	4293111266 (0xFFE3ADE2)
YUV	195.1880, 15.1903, 27.8991
Hunter-Lab	71.7856, 23.9579, -14.5941

Details

The CIELCh color $77, 34.192, 326.245$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 34.172, 143.344$, 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 $57, 34.425, 326.031$ is the 20% darker color. If you saturate the color by 10%, you get $72, 48.354, 326.786$, and if you desaturate by 10%, it is $82, 19.793, 325.687$.

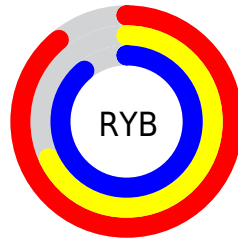
Distribution



Red (89%)

Green (68%)

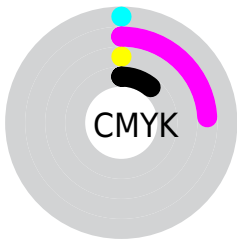
Blue (89%)



Red (89%)

Yellow (68%)

Blue (89%)

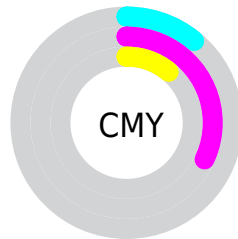


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.192, 326.245 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, 34.192, 326.245 by changing the saturation by 10% instead.


 77, 34.192,
326.245

 77, 34.192,
326.245


 100, 34.192,
326.245


 67, 34.192,
326.245


 97, 34.192,
326.245

 57, 34.192,
326.245

 47, 34.192,
326.245

 37, 34.192,
326.245

 27, 34.192,
326.245

 17, 34.192,
326.245

 7, 34.192, 326.245

77, 34.192,
326.245

77, 34.192,
326.245

72, 48.354,
326.786

82, 19.793,
325.687

67, 61.912,
327.296

88, 5.433, 325.094

63, 74.382,
327.760

94, 8.710, 144.633

60, 85.205,
328.163

97, 17.388,
144.428

57, 93.831,
328.493

97, 17.213,
144.833

55, 99.851,
328.742

97, 17.038,
145.245

97, 16.864,

■ 54, 103.160,
328.912

145.666

■ 54, 104.196,
328.989

■ 97, 16.691,
146.096

■ 97, 16.519,
146.534

Harmonies

Complementary

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



77, 34.192, 326.245



85, 34.172, 143.344

Rectangle

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



77, 34.192, 326.245



77, 34.192, 16.245



77, 34.192, 146.245



77, 34.192, 196.245

Sweetspot

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



77, 34.189, 326.245



96, 10.996, 325.297



72, 29.416, 293.541



51, 7.147, 325.333



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, 34.189, 326.245



83, 45.749, 326.539



76, 24.390, 346.735



44, 8.053, 325.437



42, 86.239, 328.976



8, 35.487, 328.848

Inverse Universe

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



77, 34.189, 326.245



83, 45.749, 326.539



86, 23.615, 162.399



44, 8.053, 325.437



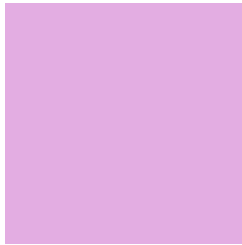
42, 86.239, 328.976



8, 35.487, 328.848

Previews

White Background



This preview shows how the CIELCh color 77, 34.192, 326.245 looks on a white background.

Color Contrast Check

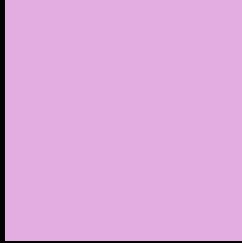
Large Text (above 18pt) WCAG AA × Fail

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, 34.192, 326.245 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, 34.192, 326.245

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.192, 326.245.



This preview shows how white text looks on a background with the CIELCh color 77, 34.192, 326.245.

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, 34.192, 326.245

Protanopia

77, 26.409, 286.193

Deuteranopia

77, 20.091, 298.854



Tritanopia
77, 17.791, 356.148

Trichromacy



Original Color
77, 34.192, 326.245

Protanomaly
77, 27.963, 302.331

Deuteranomaly
77, 24.705, 311.921

Tritanomaly
77, 22.848, 340.491

Monochromacy



Original Color
77, 34.192, 326.245

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 12.561, 326.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.192, 326.245 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(227, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.192, 326.245 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(227, 173, 226) }
```

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

```
.border{ border-color:rgb(227, 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(227, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.192, 326.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 226) }
```

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

```
.background{ background-color: rgb(227,  
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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