

Converting Colors

CIELCh(73, 36.982, 316.387)

Have a look what the booklet for
CIELCh(73, 36.982, 316.387)
contains.

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Color

CIELCh(73, 36.740, 316.191)

Conversions

Conversions Part 1

Format	Color
Hex	CEA4E2
RGB	206, 164, 226
RGB Percent	81%, 64%, 89%
CMY	0.1921, 0.3568, 0.1137
CMYK	0.09, 0.27, 0.00, 0.11
HSL	281°, 52%, 76%
HSV	281°, 27%, 89%
XYZ	52.4573, 45.1644, 77.9056
YIQ	183.6260, 5.1300, 28.1860

Conversions

Conversions Part 2

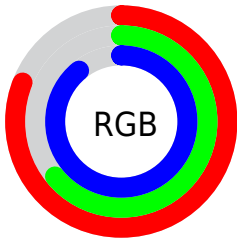
Format	Color
RYB	206, 164, 226
Decimal	13542626
CIELab	73.00, 26.51, -25.43
CIELCh	73, 36.740, 316.191
Yxy	45.1644, 0.2989, 0.2573
Android (android.graphics.Color)	4291732706 (0xFFCEA4E2)
YUV	183.6260, 20.8904, 19.6220
Hunter-Lab	67.2044, 21.7228, -21.6878

Details

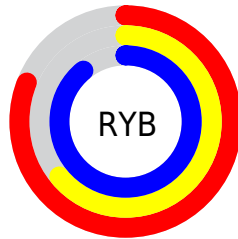
The CIELCh color $73, 36.740, 316.191$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 35.921, 133.734$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $53, 36.333, 316.297$ is the 20% darker color. If you saturate the color by 10%, you get $67, 50.366, 316.626$, and if you desaturate by 10%, it is $79, 23.150, 315.746$.

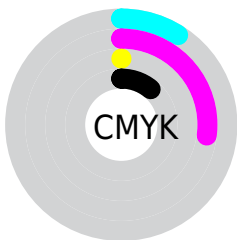
Distribution



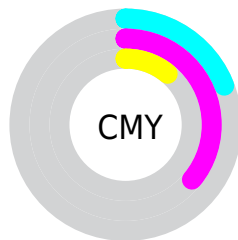
- Red (81%)
- Green (64%)
- Blue (89%)



- Red (81%)
- Yellow (64%)
- Blue (89%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)





- Cyan (19%)
- Magenta (36%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.740, 316.191 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 73, 36.740, 316.191 by changing the saturation by 10% instead.


 73, 36.740,
316.191


 73, 36.740,
316.191


 100, 36.740,
316.191


 63, 36.740,
316.191


 93, 36.740,
316.191

 53, 36.740,
316.191

 43, 36.740,
316.191

 33, 36.740,
316.191

 23, 36.740,
316.191

 13, 36.740,
316.191

 3, 36.740, 316.191

0, 36.740, 316.191

73, 36.740,
316.191

73, 36.740,
316.191

67, 50.366,
316.626

79, 23.150,
315.746

61, 63.772,
317.025

85, 9.767, 315.303

56, 76.551,
317.350

91, 3.318, 134.970

98, 16.058,
134.543

51, 88.139,
317.546

98, 15.419,
126.143

47, 97.832,
317.547

99, 14.818,
116.463

44, 104.921,
317.282

99, 14.672,

■ 42,109.040,
316.701

109.069

■ 42,109.861,
316.532

Harmonies

Complementary

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



73, 36.740, 316.191



86, 35.921, 133.734

Rectangle

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



73, 36.740, 316.191



73, 36.740, 6.191



73, 36.740, 136.191



73, 36.740, 186.191

Sweetspot

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



73, 36.738, 316.191



95, 11.603, 315.331



75, 23.102, 275.296



49, 8.259, 315.399



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 36.738, 316.191



78, 48.900, 316.445



75, 35.484, 331.090



44, 7.435, 315.393



32, 91.022, 316.695



5, 34.705, 316.963

Inverse Universe

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



74, 25.846, 357.361



79, 34.527, 358.169



85, 35.376, 147.379



44, 5.159, 355.251



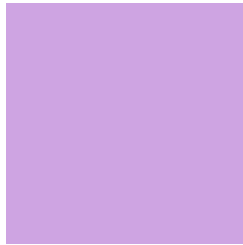
37, 65.649, 18.823



6, 25.406, 6.453

Previews

White Background



This preview shows how the CIELCh color 73, 36.740, 316.191 looks on a white background.

Color Contrast Check

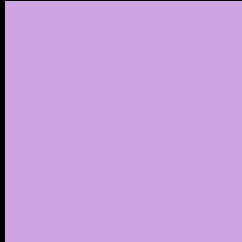
Large Text (above 18pt) WCAG AA × Fail

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 73, 36.740, 316.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

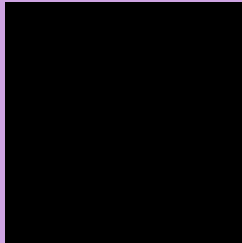
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 36.740, 316.191

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.740, 316.191.

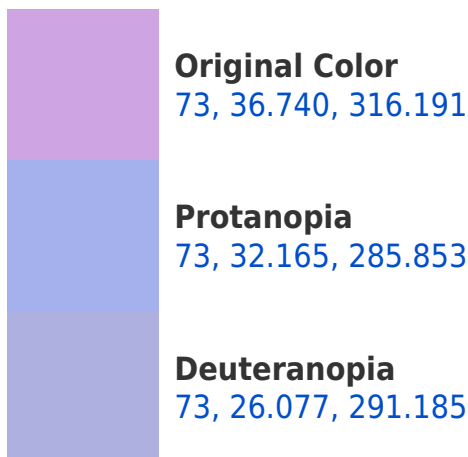


This preview shows how white text looks on a background with the CIELCh color 73, 36.740, 316.191.

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
73, 12.674, 346.821

Trichromacy



Original Color
73, 36.740, 316.191

Protanomaly
73, 32.792, 297.232

Deuteranomaly
73, 29.307, 302.100

Tritanomaly
73, 20.733, 327.017

Monochromacy



Original Color
73, 36.740, 316.191

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 13.166, 315.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.740, 316.191 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(206, 164, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 164, 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(206, 164, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 164, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.740, 316.191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

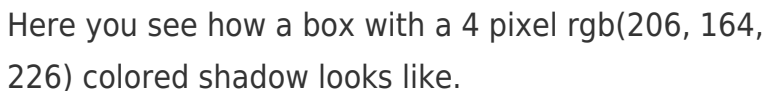
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 164, 226) }
```

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

```
.border{ border-color:rgb(206, 164, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 164, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 164, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 164, 226); box-shadow:4px 4px 4px 4px rgb(206, 164, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.740, 316.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 164, 226) }
```

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

```
.background{ background-color: rgb(206,  
164, 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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