

Converting Colors

CIELCh(76, 33.254, 316.246)

Have a look what the booklet for
CIELCh(76, 33.254, 316.246)
contains.

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Color

CIELCh(76, 33.009, 316.092)

Conversions

Conversions Part 1

Format	Color
Hex	D4AEE6
RGB	212, 174, 230
RGB Percent	83%, 68%, 90%
CMY	0.1693, 0.3183, 0.0987
CMYK	0.08, 0.24, 0.00, 0.10
HSL	281°, 53%, 79%
HSV	281°, 24%, 90%
XYZ	56.4689, 49.8872, 81.3935
YIQ	191.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

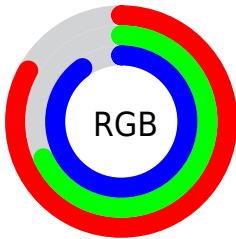
Format	Color
R _Y B	212, 174, 230
Decimal	13938406
CIE Lab	76.00, 23.78, -22.89
CIE LCh	76, 33.009, 316.092
Yxy	49.8872, 0.3008, 0.2657
Android (android.graphics.Color)	4292128486 (0xFFD4AEE6)
YUV	191.7460, 18.8592, 17.7628
Hunter-Lab	70.6309, 19.1054, -18.8829

Details

The CIELCh color $76, 33.009, 316.092$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 32.356, 133.929$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $56, 33.043, 316.360$ is the 20% darker color. If you saturate the color by 10%, you get $70, 46.835, 316.532$, and if you desaturate by 10%, it is $82, 19.279, 315.647$.

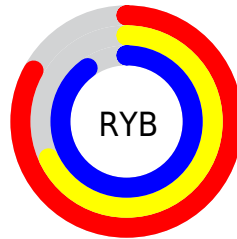
Distribution



Red (83%)

Green (68%)

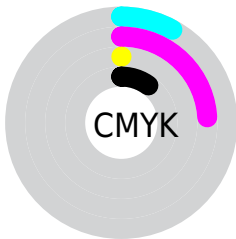
Blue (90%)



Red (83%)

Yellow (68%)

Blue (90%)

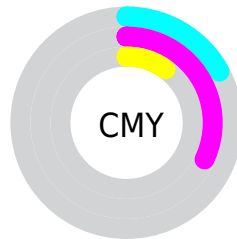


Cyan (8%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (17%)


Magenta (32%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 33.009, 316.092 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 76, 33.009, 316.092 by changing the saturation by 10% instead.


 76, 33.009,
316.092


 76, 33.009,
316.092


 100, 33.009,
316.092


 66, 33.009,
316.092


 96, 33.009,
316.092

 56, 33.009,
316.092

 46, 33.009,
316.092

 36, 33.009,
316.092

 26, 33.009,
316.092

 16, 33.009,
316.092

 6, 33.009, 316.092

0, 33.009, 316.092

76, 33.009,
316.092

76, 33.009,
316.092

70, 46.835,
316.532

82, 19.279,
315.647

64, 60.529,
316.946

88, 5.793, 315.198

59, 73.726,
317.298

95, 7.372, 134.855

54, 85.903,
317.539

98, 13.711,
130.065

49, 96.378,
317.606

99, 12.961,
119.188

46, 104.411,
317.427

99, 12.736,
109.215

■ 43,109.449,
316.938

■ 42,111.244,
316.557

Harmonies

Complementary

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



76, 33.009, 316.092



87, 32.356, 133.929

Rectangle

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



76, 33.009, 316.092



76, 33.009, 6.092



76, 33.009, 136.092



76, 33.009, 186.092

Sweetspot

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



76, 33.007, 316.092



95, 10.144, 315.323



78, 20.747, 274.743



50, 6.596, 315.350



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 33.007, 316.092



80, 42.891, 316.305



77, 31.954, 330.893



45, 7.576, 315.430



32, 91.984, 316.720



5, 36.641, 317.373

Inverse Universe

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



77, 23.155, 357.045



81, 30.189, 357.678



86, 31.855, 147.649



45, 5.253, 355.330



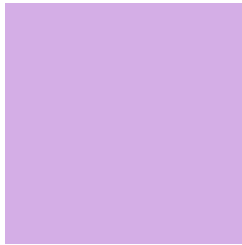
38, 66.403, 18.994



7, 26.685, 7.277

Previews

White Background



This preview shows how the CIELCh color 76, 33.009, 316.092 looks on a white background.

Color Contrast Check

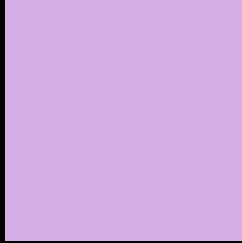
Large Text (above 18pt) WCAG AA × Fail

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 76, 33.009, 316.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

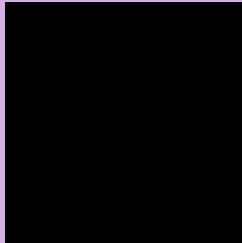
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 33.009, 316.092

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.009, 316.092.




This preview shows how white text looks on a background with the CIELCh color 76, 33.009, 316.092.

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
76, 12.269, 342.632

Trichromacy



Original Color
76, 33.009, 316.092

Protanomaly
76, 28.698, 296.740

Deuteranomaly
76, 27.023, 303.399

Tritanomaly
76, 19.084, 326.129

Monochromacy



Original Color
76, 33.009, 316.092

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.428, 315.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.009, 316.092 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(212, 174, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 174, 230)  
}
```

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(212, 174, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 174, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.009, 316.092 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(212, 174, 230) }
```

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

```
.border{ border-color:rgb(212, 174, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 174, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 174, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 174, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 174,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.009, 316.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 174, 230) }
```

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

```
.background{ background-color: rgb(212,  
174, 230) }
```

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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