

Converting Colors

CIELCh(76, 26.232, 313.901)

Have a look what the booklet for
CIELCh(76, 26.232, 313.901)
contains.

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Color

CIELCh(76, 26.277, 314.086)

Conversions

Conversions Part 1

Format	Color
Hex	CDB1DE
RGB	205, 177, 222
RGB Percent	80%, 69%, 87%
CMY	0.1948, 0.3046, 0.1281
CMYK	0.08, 0.20, 0.00, 0.13
HSL	277°, 41%, 78%
HSV	277°, 20%, 87%
XYZ	54.2813, 49.8872, 76.1081
YIQ	190.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

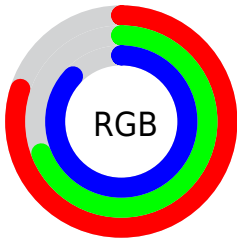
Format	Color
R _Y B	205, 177, 222
Decimal	13480414
CIE _{Lab}	76.00, 18.28, -18.87
CIE _{LCh}	76, 26.277, 314.086
Y _{xy}	49.8872, 0.3011, 0.2767
Android (android.graphics.Color)	4291670494 (0xFFCDB1DE)
YUV	190.5020, 15.5285, 12.7147
Hunter-Lab	70.6309, 13.5768, -14.4462

Details

The CIELCh color **76, 26.277, 314.086** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 25.754, 132.328**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **56, 26.514, 313.741** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.613, 314.543**, and if you desaturate by 10%, it is **82, 13.147, 313.636**.

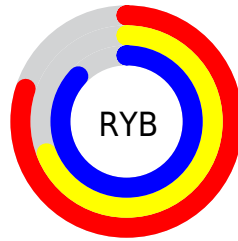
Distribution



Red (80%)

Green (69%)

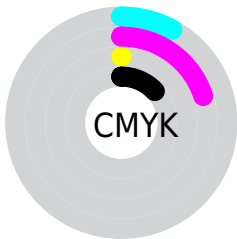
Blue (87%)



Red (80%)

Yellow (69%)

Blue (87%)

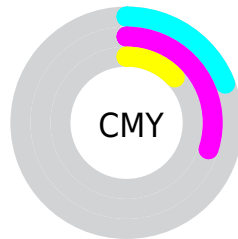


Cyan (8%)

Magenta (20%)

Yellow (0%)

Black (13%)



Cyan (19%)


Magenta (30%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.277, 314.086 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, 26.277, 314.086 by changing the saturation by 10% instead.


 76, 26.277,
314.086


 76, 26.277,
314.086


 100, 26.277,
314.086


 66, 26.277,
314.086


 96, 26.277,
314.086

 56, 26.277,
314.086

 46, 26.277,
314.086

 36, 26.277,
314.086

 26, 26.277,
314.086

 16, 26.277,
314.086

 6, 26.277, 314.086

0, 26.277, 314.086

76, 26.277,
314.086

76, 26.277,
314.086

70, 39.613,
314.543

82, 13.147,
313.636

64, 52.999,
314.994

88, 0.319, 312.699

58, 66.165,
315.407

95, 12.162,
132.860

53, 78.694,
315.738

98, 17.604,
128.218

48, 89.991,
315.923

99, 16.793,
118.513

44, 99.311,
315.885

99, 16.524,
108.928

■ 41,105.917,
315.538

■ 39,109.726,
314.900

Harmonies

Complementary

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



76, 26.277, 314.086



86, 25.754, 132.328

Rectangle

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



76, 26.277, 314.086



76, 26.277, 4.086



76, 26.277, 134.086



76, 26.277, 184.086

Sweetspot

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



76, 26.275, 314.085



96, 8.564, 313.449



78, 15.800, 269.885



51, 5.685, 313.478



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, 26.275, 314.085



83, 34.950, 314.265



77, 26.751, 328.967



44, 7.335, 313.601



30, 92.021, 315.067



4, 34.337, 314.917

Inverse Universe

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



77, 19.139, 352.782



84, 25.487, 353.243



85, 26.699, 146.426



44, 5.320, 351.621



37, 64.474, 13.609



6, 25.586, 3.163

Previews

White Background



This preview shows how the CIELCh color 76, 26.277, 314.086 looks on a white background.

Color Contrast Check

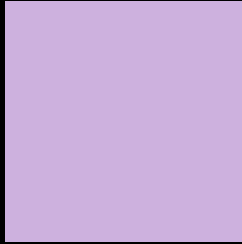
Large Text (above 18pt) WCAG AA × Fail

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, 26.277, 314.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

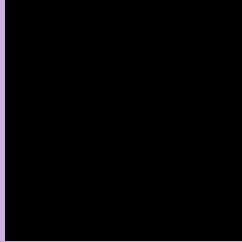
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.277, 314.086

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.277, 314.086.



This preview shows how white text looks on a background with the CIELCh color 76, 26.277, 314.086.

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, 10.327, 333.426

Trichromacy



Original Color
76, 26.277, 314.086

Protanomaly
76, 23.290, 296.465

Deuteranomaly
76, 22.204, 304.710

Tritanomaly
76, 16.360, 321.866

Monochromacy



Original Color
76, 26.277, 314.086

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.383, 313.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.277, 314.086 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(205, 177, 222)` looks like.

```
.text, #text, p{  
    color:rgb(205, 177, 222)  
}
```

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(205, 177, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 177, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.277, 314.086 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(205, 177, 222) }
```

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

```
.border{ border-color:rgb(205, 177, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 177, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 177, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 177, 222);  
box-shadow:4px 4px 4px 4px rgb(205, 177,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.277, 314.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 177, 222) }
```

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

```
.background{ background-color: rgb(205,  
177, 222) }
```

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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