

Converting Colors

CIELCh(77, 17.398, 307.411)

Have a look what the booklet for
CIELCh(77, 17.398, 307.411)
contains.

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Color

CIELCh(77, 17.360, 306.924)

Conversions

Conversions Part 1

Format	Color
Hex	C6B9D8
RGB	198, 185, 216
RGB Percent	78%, 73%, 85%
CMY	0.2244, 0.2753, 0.1538
CMYK	0.08, 0.14, 0.00, 0.15
HSL	265°, 28%, 79%
HSV	265°, 14%, 85%
XYZ	52.9025, 51.5317, 71.9758
YIQ	192.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

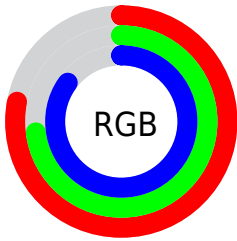
Format	Color
R_{YB}	198, 185, 216
Decimal	13023704
CIE _{Lab}	77.00, 10.43, -13.88
CIE _{LCh}	77, 17.360, 306.924
Yxy	51.5317, 0.2999, 0.2921
Android (android.graphics.Color)	4291213784 (0xFFC6B9D8)
YUV	192.4210, 11.6244, 4.8928
Hunter-Lab	71.7856, 5.9211, -9.1971

Details

The CIELCh color $77, 17.360, 306.924$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85, 16.962, 125.510$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 8.725, 324.710$, and $57, 17.224, 306.915$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.896, 307.499$, and if you desaturate by 10%, it is $83, 5.194, 306.391$.

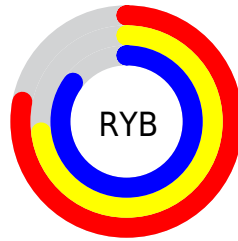
Distribution



Red (78%)

Green (73%)

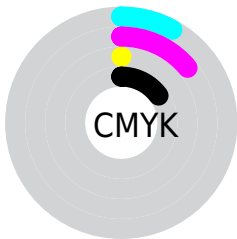
Blue (85%)



Red (78%)

Yellow (73%)

Blue (85%)

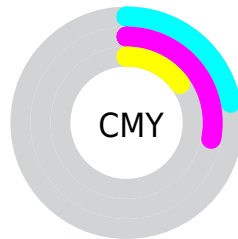


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (28%)

Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 17.360, 306.924 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, 17.360, 306.924 by changing the saturation by 10% instead.


 77, 17.360,
306.924


 77, 17.360,
306.924


 100, 17.360,
306.924


 67, 17.360,
306.924


 97, 17.360,
306.924

 57, 17.360,
306.924

 47, 17.360,
306.924

 37, 17.360,
306.924

 27, 17.360,
306.924

 17, 17.360,
306.924

 7, 17.360, 306.924

0, 17.360, 306.924

77, 17.360,
306.924

77, 17.360,
306.924

71, 29.896,
307.499

83, 5.194, 306.391

64, 42.758,
308.123

90, 6.580, 125.962

58, 55.832,
308.778

96, 17.969,
125.547

52, 68.899,
309.431

99, 20.023,
116.161

46, 81.561,
310.025

99, 19.823,
108.677

41, 93.166,
310.467

■ 37,102.787,
310.632

■ 34,109.416,
310.381

■ 32,112.040,
310.109

Harmonies

Complementary

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



77, 17.360, 306.924



85, 16.962, 125.510

Rectangle

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



77, 17.360, 306.924



77, 17.360, 356.924



77, 17.360, 126.924



77, 17.360, 176.924

Sweetspot

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



77, 17.358, 306.922



97, 5.452, 306.374



81, 9.183, 247.690



51, 3.878, 306.414



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, 17.358, 306.922



87, 23.629, 307.079



78, 19.533, 322.879



42, 6.766, 306.656



25, 93.963, 310.283



3, 28.518, 305.390

Inverse Universe

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



78, 14.946, 340.650



89, 20.304, 340.892



83, 19.468, 141.405



42, 5.844, 340.231



37, 64.275, 354.368



5, 24.505, 348.677

Previews

White Background



This preview shows how the CIELCh color 77, 17.360, 306.924 looks on a white background.

Color Contrast Check

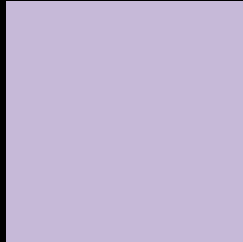
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 17.360, 306.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

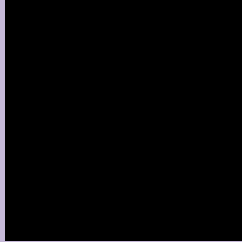
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 17.360, 306.924

Background



This preview shows how black text looks on a background with the CIELCh color 77, 17.360, 306.924.



This preview shows how white text looks on a background with the CIELCh color 77, 17.360, 306.924.

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, 17.360, 306.924

Protanopia

77, 15.611, 286.547

Deuteranopia

77, 17.269, 305.789



Tritanopia
77, 8.739, 312.774

Trichromacy



Original Color
77, 17.360, 306.924

Protanomaly
77, 16.190, 295.341

Deuteranomaly
77, 17.269, 305.789

Tritanomaly
77, 12.016, 310.330

Monochromacy



Original Color
77, 17.360, 306.924

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 6.721, 306.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 17.360, 306.924 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(198, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 216)  
}
```

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(198, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 17.360, 306.924 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(198, 185, 216) }
```

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

```
.border{ border-color:rgb(198, 185, 216) }
```

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

Here you see how a box with a 4 pixel rgb(198, 185, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 17.360, 306.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 216) }
```

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

```
.background{ background-color: rgb(198,  
185, 216) }
```

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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