

Converting Colors

CIELCh(77, 24.503, 306.071)

Have a look what the booklet for
CIELCh(77, 24.503, 306.071)
contains.

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Color

CIELCh(77, 24.480, 306.066)

Conversions

Conversions Part 1

Format	Color
Hex	C8B7E3
RGB	200, 183, 227
RGB Percent	78%, 72%, 89%
CMY	0.2167, 0.2834, 0.1109
CMYK	0.12, 0.19, 0.00, 0.11
HSL	263°, 44%, 80%
HSV	263°, 19%, 89%
XYZ	54.4543, 51.5317, 79.5518
YIQ	193.0990, -3.9920, 17.2880

Conversions

Conversions Part 2

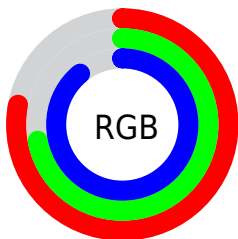
Format	Color
R _Y B	200, 183, 227
Decimal	13154275
CIE Lab	77.00, 14.41, -19.79
CIE LCh	77, 24.480, 306.066
Yxy	51.5317, 0.2935, 0.2777
Android (android.graphics.Color)	4291344355 (0xFFC8B7E3)
YUV	193.0990, 16.7132, 6.0522
Hunter-Lab	71.7856, 9.7796, -15.4544

Details

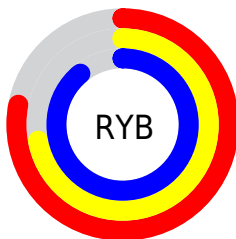
The CIELCh color `77, 24.480, 306.066` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `88, 23.680, 124.013`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 9.976, 324.758`, and `57, 24.770, 306.168` is the 20% darker color. If you saturate the color by 10%, you get `70, 37.675, 306.708`, and if you desaturate by 10%, it is `84, 11.672, 305.481`.

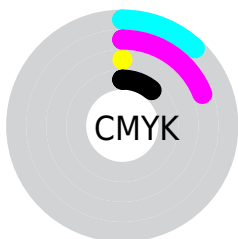
Distribution



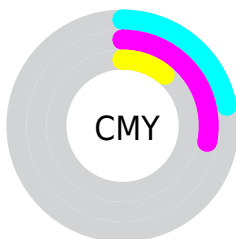
- Red (78%)
- Green (72%)
- Blue (89%)



- Red (78%)
- Yellow (72%)
- Blue (89%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.480, 306.066 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, 24.480, 306.066 by changing the saturation by 10% instead.

 77, 24.480,
306.066

 77, 24.480,
306.066

 100, 24.480,
306.066

 67, 24.480,
306.066

 97, 24.480,
306.066

 57, 24.480,
306.066

 47, 24.480,
306.066

 37, 24.480,
306.066

 27, 24.480,
306.066

 17, 24.480,
306.066

 7, 24.480, 306.066

■ 0, 24.480, 306.066

■ 77, 24.480,
306.066

■ 77, 24.480,
306.066

■ 70, 37.675,
306.708

■ 84, 11.672,
305.481

■ 64, 51.194,
307.402

■ 91, 0.720, 125.094

■ 57, 64.880,
308.124

■ 97, 12.698,
124.526

■ 51, 78.433,
308.831

■ 99, 14.306,
109.096

■ 45, 91.316,
309.445

■ 40, 102.675,
309.849

■ 36,111.392,
309.894

■ 33,116.824,
309.511

■ 33,117.115,
309.489

Harmonies

Complementary

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



77, 24.480, 306.066



88, 23.680, 124.013

Rectangle

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



77, 24.480, 306.066



77, 24.480, 356.066



77, 24.480, 126.066



77, 24.480, 176.066

Sweetspot

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



77, 24.478, 306.065



96, 8.152, 305.297



83, 12.604, 244.208



50, 5.413, 305.333



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, 24.478, 306.065



83, 32.112, 306.299



79, 27.277, 322.164



44, 6.992, 305.484



25, 96.700, 309.664



3, 32.728, 306.090

Inverse Universe

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



79, 21.577, 339.490



85, 28.190, 339.814



86, 27.132, 140.187



44, 6.215, 338.667



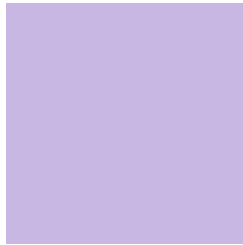
38, 66.620, 351.612



7, 27.902, 346.688

Previews

White Background



This preview shows how the CIELCh color 77, 24.480, 306.066 looks on a white background.

Color Contrast Check

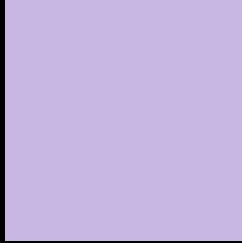
Large Text (above 18pt) WCAG AA × Fail

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, 24.480, 306.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

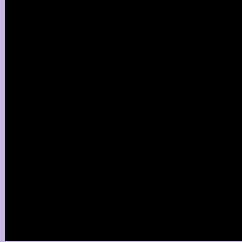
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.480, 306.066

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.480, 306.066.



This preview shows how white text looks on a background with the CIELCh color 77, 24.480, 306.066.

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, 24.480, 306.066

Protanopia

77, 23.166, 286.532

Deuteranopia

77, 21.618, 296.642



Tritanopia
77, 8.739, 312.774

Trichromacy



Original Color
77, 24.480, 306.066

Protanomaly
77, 23.158, 293.944

Deuteranomaly
77, 22.332, 300.078

Tritanomaly
77, 14.688, 308.289

Monochromacy



Original Color
77, 24.480, 306.066

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.889, 304.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.480, 306.066 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(200, 183, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 227)  
}
```

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(200, 183, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.480, 306.066 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(200, 183, 227) }
```

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

```
.border{ border-color:rgb(200, 183, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.480, 306.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 227) }
```

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

```
.background{ background-color: rgb(200,  
183, 227) }
```

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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