

Converting Colors

CIELCh(77, 25.432, 311.693)

Have a look what the booklet for
CIELCh(77, 25.432, 311.693)
contains.

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Color

CIELCh(77, 25.206, 311.514)

Conversions

Conversions Part 1

Format	Color
Hex	CDB5E1
RGB	205, 181, 225
RGB Percent	80%, 71%, 88%
CMY	0.1956, 0.2897, 0.1172
CMYK	0.09, 0.20, 0.00, 0.12
HSL	273°, 42%, 80%
HSV	273°, 20%, 88%
XYZ	55.3620, 51.5317, 78.3469
YIQ	193.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

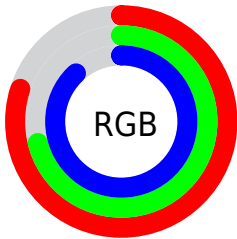
Format	Color
RYB	205, 181, 225
Decimal	13481441
CIELab	77.00, 16.71, -18.87
CIELCh	77, 25.206, 311.514
Yxy	51.5317, 0.2989, 0.2782
Android (android.graphics.Color)	4291671521 (0xFFCDB5E1)
YUV	193.1920, 15.6813, 10.3556
Hunter-Lab	71.7856, 12.0368, -14.4592

Details

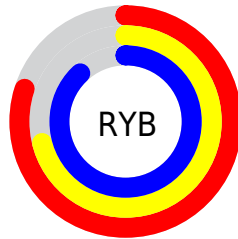
The CIELCh color **77, 25.206, 311.514** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87, 24.606, 129.772**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.228, 324.804**, and **57, 25.396, 311.023** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.537, 312.008**, and if you desaturate by 10%, it is **83, 12.150, 311.041**.

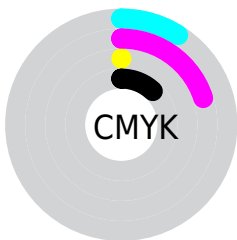
Distribution



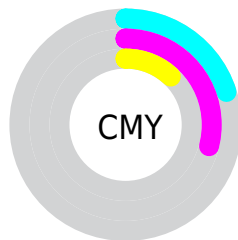
- Red (80%)
- Green (71%)
- Blue (88%)



- Red (80%)
- Yellow (71%)
- Blue (88%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)





- Cyan (20%)
- Magenta (29%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 25.206, 311.514 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, 25.206, 311.514 by changing the saturation by 10% instead.


 77, 25.206,
311.514


 77, 25.206,
311.514


 100, 25.206,
311.514


 67, 25.206,
311.514


 97, 25.206,
311.514

 57, 25.206,
311.514

 47, 25.206,
311.514

 37, 25.206,
311.514

 27, 25.206,
311.514

 17, 25.206,
311.514

 7, 25.206, 311.514

0, 25.206, 311.514

77, 25.206,
311.514

77, 25.206,
311.514

71, 38.537,
312.008

83, 12.150,
311.041

64, 52.022,
312.512

90, 0.559, 130.882

58, 65.433,
312.996

96, 12.896,
130.242

53, 78.395,
313.414

99, 15.505,
121.112

48, 90.332,
313.699

99, 15.118,
109.035

43, 100.460,
313.760

■ 40,107.915,
313.492

■ 37,112.418,
312.865

■ 37,112.602,
312.836

Harmonies

Complementary

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



77, 25.206, 311.514



87, 24.606, 129.772

Rectangle

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



77, 25.206, 311.514



77, 25.206, 1.514



77, 25.206, 131.514



77, 25.206, 181.514

Sweetspot

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



77, 25.204, 311.513



96, 8.412, 310.878



80, 14.109, 261.803



51, 5.584, 310.909



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, 25.204, 311.513



84, 32.957, 311.690



79, 27.621, 326.423



44, 7.208, 311.036



28, 93.516, 313.020



4, 33.800, 312.028

Inverse Universe

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



78, 19.487, 347.958



85, 25.459, 348.344



86, 27.595, 144.082



44, 5.577, 346.950



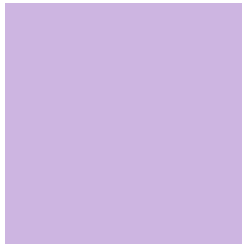
37, 63.914, 6.180



6, 26.031, 358.032

Previews

White Background



This preview shows how the CIELCh color 77, 25.206, 311.514 looks on a white background.

Color Contrast Check

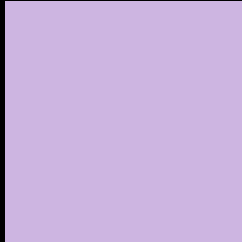
Large Text (above 18pt) WCAG AA × Fail

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, 25.206, 311.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

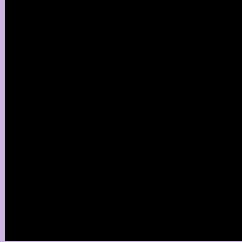
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.206, 311.514

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.206, 311.514.



This preview shows how white text looks on a background with the CIELCh color 77, 25.206, 311.514.

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, 25.206, 311.514

Protanopia

77, 22.634, 286.335

Deuteranopia

77, 20.583, 297.757



Tritanopia
77, 9.352, 326.675

Trichromacy



Original Color
77, 25.206, 311.514

Protanomaly
77, 23.244, 296.448

Deuteranomaly
77, 22.066, 303.813

Tritanomaly
77, 14.985, 316.855

Monochromacy



Original Color
77, 25.206, 311.514

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.097, 309.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.206, 311.514 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, 181, 225)` looks like.

```
.text, #text, p{  
    color:rgb(205, 181, 225)  
}
```

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, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 181, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.206, 311.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

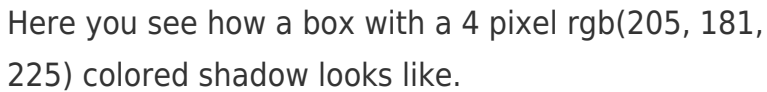
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 181, 225) }
```

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

```
.border{ border-color:rgb(205, 181, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 181, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 181, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 181, 225);  
box-shadow:4px 4px 4px 4px rgb(205, 181,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.206, 311.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 181, 225) }
```

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

```
.background{ background-color: rgb(205,  
181, 225) }
```

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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