

Converting Colors

CIELCh(77, 42.059, 311.088)

Have a look what the booklet for
CIELCh(77, 42.059, 311.088)
contains.

CIELCh(77, 41.861, 310.974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 41.861, 310.974)

Conversions

Conversions Part 1

Format	Color
Hex	D5AFF9
RGB	213, 175, 249
RGB Percent	84%, 69%, 98%
CMY	0.1655, 0.3144, 0.0243
CMYK	0.14, 0.30, 0.00, 0.02
HSL	271°, 86%, 83%
HSV	271°, 30%, 98%
XYZ	59.7456, 51.5317, 96.2577
YIQ	194.7980, -1.1060, 31.0700

Conversions

Conversions Part 2

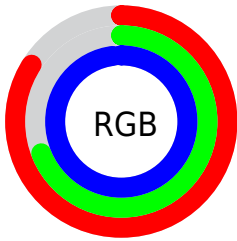
Format	Color
R _Y B	213, 175, 249
Decimal	14004217
CIE _{Lab}	77.00, 27.45, -31.61
CIE _{LCh}	77, 41.861, 310.974
Yxy	51.5317, 0.2879, 0.2483
Android (android.graphics.Color)	4292194297 (0xFFD5AFF9)
YUV	194.7980, 26.7216, 15.9632
Hunter-Lab	71.7856, 22.9369, -29.2524

Details

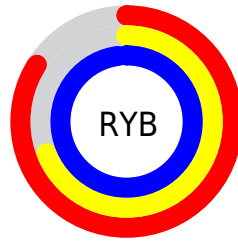
The CIELCh color $77, 41.861, 310.974$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $94, 40.192, 128.151$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $57, 41.768, 310.866$ is the 20% darker color. If you saturate the color by 10%, you get $70, 56.474, 311.509$, and if you desaturate by 10%, it is $84, 27.443, 310.453$.

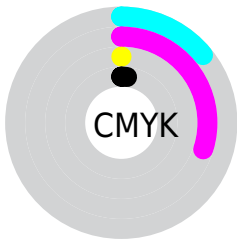
Distribution



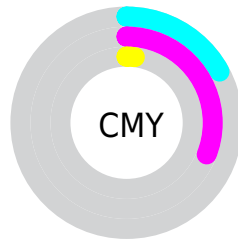
- Red (84%)
- Green (69%)
- Blue (98%)



- Red (84%)
- Yellow (69%)
- Blue (98%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)





- Cyan (17%)
- Magenta (31%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.861, 310.974 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, 41.861, 310.974 by changing the saturation by 10% instead.


 77, 41.861,
310.974


 77, 41.861,
310.974


 100, 41.861,
310.974


 67, 41.861,
310.974


 97, 41.861,
310.974

 57, 41.861,
310.974

 47, 41.861,
310.974

 37, 41.861,
310.974

 27, 41.861,
310.974

 17, 41.861,
310.974

 7, 41.861, 310.974

■ 0, 41.861, 310.974

■ 77, 41.861,
310.974

■ 77, 41.861,
310.974

■ 70, 56.474,
311.509

■ 84, 27.443,
310.453

■ 64, 71.051,
312.031

■ 91, 13.354,
309.961

■ 57, 85.186,
312.492

■ 98, 0.345, 129.945

■ 52, 98.242,
312.819

■ 100, 3.132,
109.919

■ 47, 109.332,
312.913

■ 43, 117.459,
312.659

■ 40, 122.250,
312.017

■ 40, 122.361,
311.999

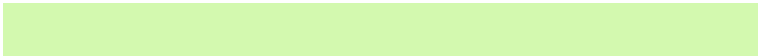
Harmonies

Complementary

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



77, 41.861, 310.974



94, 40.192, 128.151

Rectangle

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



77, 41.861, 310.974



77, 41.861, 0.974



77, 41.861, 130.974



77, 41.861, 180.974

Sweetspot

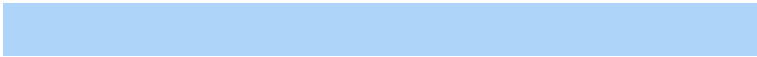
The Sweet Spot groups the original color and five complimentary colors.



77, 41.859, 310.974



94, 12.580, 309.927



83, 22.412, 260.133



49, 8.759, 309.997



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, 41.859, 310.974



74, 52.032, 311.312



80, 46.541, 326.064



48, 7.822, 309.950



30, 99.234, 312.191



6, 43.254, 313.076

Inverse Universe

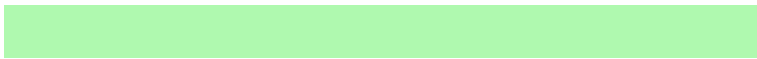
The Inverse Universe completely reimagines the original color for something new.



79, 33.021, 347.219



77, 40.820, 347.974



92, 46.549, 142.344



49, 6.222, 345.147



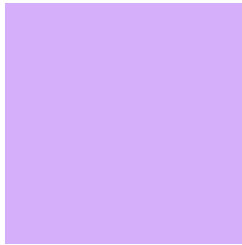
40, 67.450, 3.357



10, 30.945, 357.286

Previews

White Background



This preview shows how the CIELCh color 77, 41.861, 310.974 looks on a white background.

Color Contrast Check

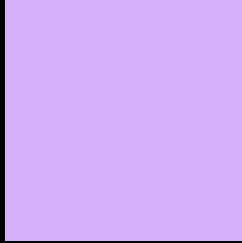
Large Text (above 18pt) WCAG AA × Fail

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, 41.861, 310.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

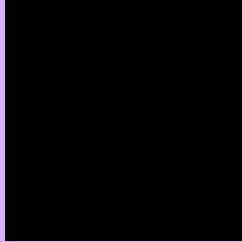
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.861, 310.974

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.861, 310.974.



This preview shows how white text looks on a background with the CIELCh color 77, 41.861, 310.974.

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
77, 11.197, 334.374

Trichromacy



Original Color
77, 41.861, 310.974

Protanomaly
77, 37.698, 294.982

Deuteranomaly
77, 34.590, 297.533

Tritanomaly
77, 21.684, 318.000

Monochromacy



Original Color
77, 41.861, 310.974

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 15.262, 308.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.861, 310.974 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(213, 175, 249)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 249)  
}
```

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(213, 175, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.861, 310.974 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(213, 175, 249) }
```

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

```
.border{ border-color:rgb(213, 175, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.861, 310.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 249) }
```

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

```
.background{ background-color: rgb(213,  
175, 249) }
```

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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