

Converting Colors

CIELCh(77, 36.818, 309.964)

Have a look what the booklet for
CIELCh(77, 36.818, 309.964)
contains.

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Color

CIELCh(77, 36.717, 310.114)

Conversions

Conversions Part 1

Format	Color
Hex	D1B1F2
RGB	209, 177, 242
RGB Percent	82%, 69%, 95%
CMY	0.1796, 0.3051, 0.0502
CMYK	0.14, 0.27, 0.00, 0.05
HSL	270°, 72%, 82%
HSV	270°, 27%, 95%
XYZ	58.1729, 51.5317, 91.0507
YIQ	193.9780, -1.7930, 26.9990

Conversions

Conversions Part 2

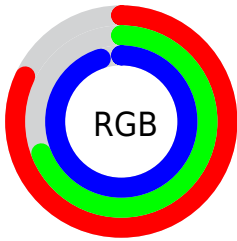
Format	Color
R _Y B	209, 177, 242
Decimal	13742578
CIE Lab	77.00, 23.66, -28.08
CIE LCh	77, 36.717, 310.114
Yxy	51.5317, 0.2898, 0.2567
Android (android.graphics.Color)	4291932658 (0xFFD1B1F2)
YUV	193.9780, 23.6748, 13.1743
Hunter-Lab	71.7856, 19.0261, -24.9517

Details

The CIELCh color $77, 36.717, 310.114$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $92, 35.340, 127.543$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $57, 37.008, 310.164$ is the 20% darker color. If you saturate the color by 10%, you get $70, 50.962, 310.667$, and if you desaturate by 10%, it is $84, 22.730, 309.586$.

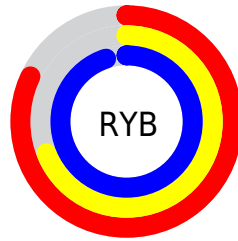
Distribution



Red (82%)

Green (69%)

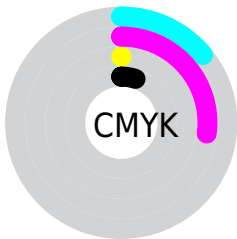
Blue (95%)



Red (82%)

Yellow (69%)

Blue (95%)

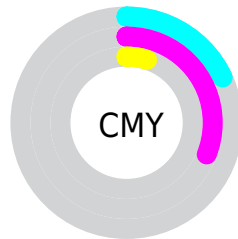


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (18%)


Magenta (31%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 36.717, 310.114 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, 36.717, 310.114 by changing the saturation by 10% instead.


 77, 36.717,
310.114


 77, 36.717,
310.114


 100, 36.717,
310.114


 67, 36.717,
310.114


 97, 36.717,
310.114


 57, 36.717,
310.114

 47, 36.717,
310.114

 37, 36.717,
310.114

 27, 36.717,
310.114

 17, 36.717,
310.114

 7, 36.717, 310.114

■ 0, 36.717, 310.114

■ 77, 36.717,
310.114

■ 77, 36.717,
310.114

■ 70, 50.962,
310.667

■ 84, 22.730,
309.586

■ 64, 65.286,
311.222

■ 91, 9.102, 309.092

■ 57, 79.359,
311.738

■ 98, 4.126, 128.698

■ 100, 6.473,
109.682

■ 51, 92.640,
312.151

■ 46, 104.328,
312.365

■ 42, 113.423,
312.263

■ 39,119.088,
311.739

■ 38,120.438,
311.532

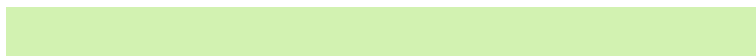
Harmonies

Complementary

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



77, 36.717, 310.114



92, 35.340, 127.543

Rectangle

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



77, 36.717, 310.114



77, 36.717, 0.114



77, 36.717, 130.114



77, 36.717, 180.114

Sweetspot

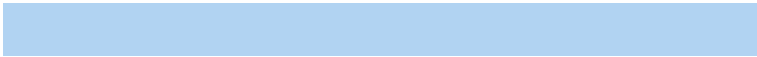
The Sweet Spot groups the original color and five complimentary colors.



77, 36.715, 310.114



94, 11.119, 309.149



83, 19.524, 257.681



49, 7.919, 309.222



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, 36.715, 310.114



77, 45.924, 310.402



80, 40.960, 325.434



46, 7.526, 309.219



28, 97.655, 311.729



5, 39.603, 311.822

Inverse Universe

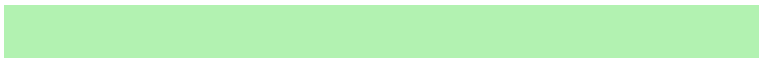
The Inverse Universe completely reimagines the original color for something new.



79, 29.500, 345.687



80, 36.729, 346.266



90, 40.921, 142.202



47, 6.098, 343.986



39, 66.307, 1.251



8, 29.517, 354.973

Previews

White Background



This preview shows how the CIELCh color 77, 36.717, 310.114 looks on a white background.

Color Contrast Check

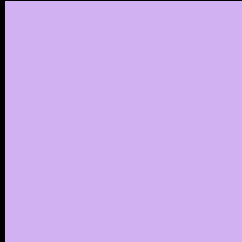
Large Text (above 18pt) WCAG AA × Fail

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, 36.717, 310.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

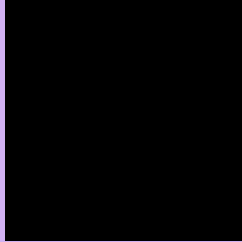
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.717, 310.114

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.717, 310.114.

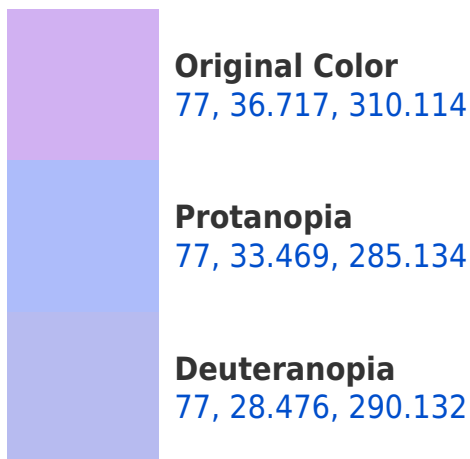


This preview shows how white text looks on a background with the CIELCh color 77, 36.717, 310.114.

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, 10.227, 328.274

Trichromacy



Original Color
77, 36.717, 310.114

Protanomaly
77, 33.917, 294.304

Deuteranomaly
77, 31.459, 298.966

Tritanomaly
77, 19.626, 316.276

Monochromacy



Original Color
77, 36.717, 310.114

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 13.627, 309.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.717, 310.114 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(209, 177, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 242)  
}
```

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(209, 177, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.717, 310.114 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(209, 177, 242) }
```

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

```
.border{ border-color:rgb(209, 177, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.717, 310.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 242) }
```

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

```
.background{ background-color: rgb(209,  
177, 242) }
```

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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