

Converting Colors

CIELCh(78, 36.136, 298.429)

Have a look what the booklet for
CIELCh(78, 36.136, 298.429)
contains.

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Color

CIELCh(78, 36.170, 298.440)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9FC
RGB	195, 185, 252
RGB Percent	76%, 73%, 99%
CMY	0.2360, 0.2752, 0.0125
CMYK	0.23, 0.27, 0.00, 0.01
HSL	249°, 91%, 86%
HSV	249°, 27%, 99%
XYZ	57.3052, 53.2120, 99.1808
YIQ	195.6280, -15.5470, 22.9570

Conversions

Conversions Part 2

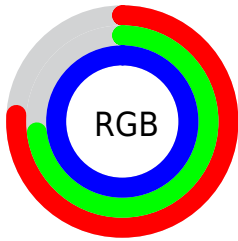
Format	Color
RYB	195, 185, 252
Decimal	12827132
CIELab	78.00, 17.23, -31.80
CIELCh	78, 36.170, 298.440
Yxy	53.2120, 0.2733, 0.2538
Android (android.graphics.Color)	4291017212 (0xFFC3B9FC)
YUV	195.6280, 27.7914, -0.5508
Hunter-Lab	72.9466, 12.5691, -29.5503

Details

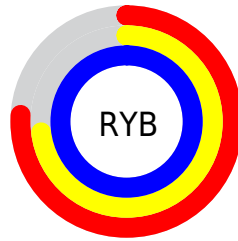
The CIELCh color `78, 36.170, 298.440` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 34.013, 114.016`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 8.179, 318.593`, and `58, 36.033, 298.305` is the 20% darker color. If you saturate the color by 10%, you get `70, 50.767, 299.613`, and if you desaturate by 10%, it is `86, 22.126, 297.419`.

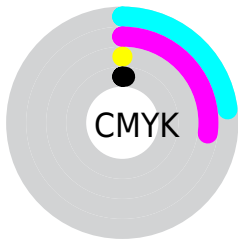
Distribution



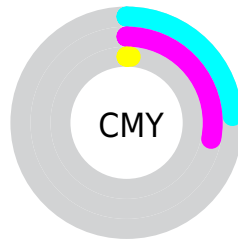
- Red (76%)
- Green (73%)
- Blue (99%)



- Red (76%)
- Yellow (73%)
- Blue (99%)



- Cyan (23%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (24%)
- Magenta (28%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.170, 298.440 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 78, 36.170, 298.440 by changing the saturation by 10% instead.

 78, 36.170,
298.440


 78, 36.170,
298.440


 100, 36.170,
298.440


 68, 36.170,
298.440


 98, 36.170,
298.440

 58, 36.170,
298.440

 48, 36.170,
298.440

 38, 36.170,
298.440

 28, 36.170,
298.440

 18, 36.170,
298.440

 8, 36.170, 298.440

■ 0, 36.170, 298.440

■ 78, 36.170,
298.440

■ 78, 36.170,
298.440

■ 70, 50.767,
299.613

■ 86, 22.126,
297.419

■ 62, 65.876,
300.937

■ 94, 8.632, 296.539

■ 55, 81.324,
302.383

100, 1.611,
110.010

■ 48, 96.670,
303.874

■ 42, 110.978,
305.253

■ 37, 122.651,
306.281

■ 33,129.841,
306.711

■ 33,131.488,
306.784

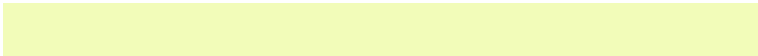
Harmonies

Complementary

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



78, 36.170, 298.440



97, 34.013, 114.016

Rectangle

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



78, 36.170, 298.440



78, 36.170, 348.440



78, 36.170, 118.440



78, 36.170, 168.440

Sweetspot

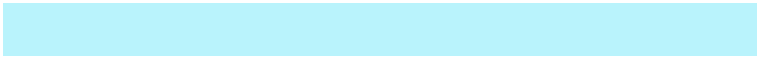
The Sweet Spot groups the original color and five complimentary colors.



78, 36.168, 298.439



94, 10.594, 296.655



92, 19.200, 212.285



49, 7.550, 296.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 36.168, 298.439



75, 44.435, 299.056



81, 38.521, 314.744



48, 7.426, 296.780



23, 105.712, 306.875



4, 42.436, 303.941

Inverse Universe

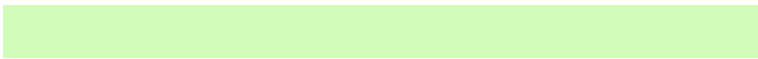
The Inverse Universe completely reimagines the original color for something new.



83, 38.025, 330.444



81, 46.121, 330.790



95, 37.545, 132.365



49, 8.037, 329.362



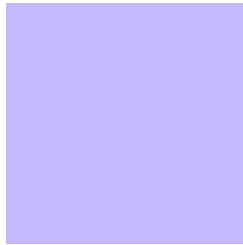
43, 81.995, 335.231



11, 37.642, 334.220

Previews

White Background



This preview shows how the CIELCh color 78, 36.170, 298.440 looks on a white background.

Color Contrast Check

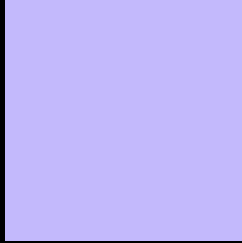
Large Text (above 18pt) WCAG AA × Fail

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 78, 36.170, 298.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

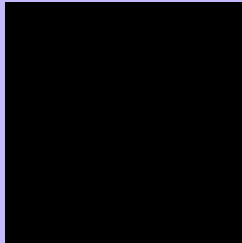
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.170, 298.440

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.170, 298.440.

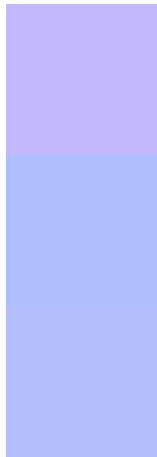


This preview shows how white text looks on a background with the CIELCh color 78, 36.170, 298.440.

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

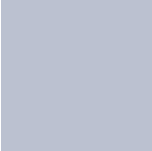
78, 36.170, 298.440

Protanopia

78, 34.983, 285.651

Deuteranopia

78, 32.737, 287.559



Tritanopia
78, 8.269, 276.059

Trichromacy



Original Color
78, 36.170, 298.440

Protanomaly
78, 35.389, 290.279

Deuteranomaly
78, 33.772, 291.568

Tritanomaly
78, 18.236, 291.828

Monochromacy



Original Color
78, 36.170, 298.440

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 13.495, 297.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.170, 298.440 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(195, 185, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 252)  
}
```

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(195, 185, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.170, 298.440 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(195, 185, 252) }
```

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

```
.border{ border-color:rgb(195, 185, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 185, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 185, 252); box-shadow:4px 4px 4px 4px rgb(195, 185, 252) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.170, 298.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 252) }
```

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

```
.background{ background-color: rgb(195,  
185, 252) }
```

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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