

Converting Colors

CIELCh(77, 35.698, 294.675)

Have a look what the booklet for
CIELCh(77, 35.698, 294.675)
contains.

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Color

CIELCh(77, 35.519, 294.382)

Conversions

Conversions Part 1

Format	Color
Hex	BAB8FA
RGB	186, 184, 250
RGB Percent	73%, 72%, 98%
CMY	0.2712, 0.2790, 0.0202
CMYK	0.26, 0.26, 0.00, 0.02
HSL	242°, 86%, 85%
HSV	242°, 26%, 98%
XYZ	54.5531, 51.5317, 97.3841
YIQ	192.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

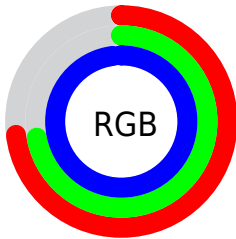
Format	Color
RYB	186, 184, 250
Decimal	12237050
CIELab	77.00, 14.66, -32.35
CIELCh	77, 35.519, 294.382
Yxy	51.5317, 0.2681, 0.2533
Android (android.graphics.Color)	4290427130 (0xFFBAB8FA)
YUV	192.1220, 28.5339, -5.3690
Hunter-Lab	71.7856, 10.0254, -30.1827

Details

The CIELCh color `77, 35.519, 294.382` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 33.330, 108.918`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.794, 298.404`, and `57, 35.413, 294.176` is the 20% darker color. If you saturate the color by 10%, you get `69, 50.026, 295.896`, and if you desaturate by 10%, it is `85, 21.612, 293.088`.

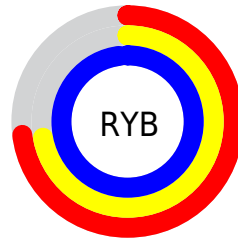
Distribution



Red (73%)

Green (72%)

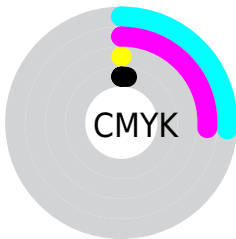
Blue (98%)



Red (73%)

Yellow (72%)

Blue (98%)

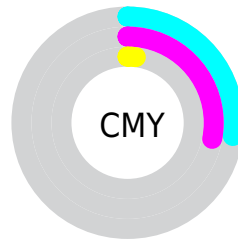


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.519, 294.382 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, 35.519, 294.382 by changing the saturation by 10% instead.

■ 77, 35.519,
294.382

■ 77, 35.519,
294.382

■ 100, 35.519,
294.382

■ 67, 35.519,
294.382

■ 97, 35.519,
294.382

■ 57, 35.519,
294.382

■ 47, 35.519,
294.382

■ 37, 35.519,
294.382

■ 27, 35.519,
294.382

■ 17, 35.519,
294.382

■ 7, 35.519, 294.382

0, 35.519, 294.382

77, 35.519,
294.382

77, 35.519,
294.382

69, 50.026,
295.896

85, 21.612,
293.088

61, 65.130,
297.643

93, 8.279, 291.992

53, 80.707,
299.597

100, 2.604,
109.954

46, 96.347,
301.669

40, 111.055,
303.657

35, 123.004,
305.249

■ 32, 130.057,
306.136

■ 32, 131.627,
306.348

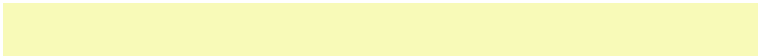
Harmonies

Complementary

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



77, 35.519, 294.382



97, 33.330, 108.918

Rectangle

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



77, 35.519, 294.382



77, 35.519, 344.382



77, 35.519, 114.382



77, 35.519, 164.382

Sweetspot

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



77, 35.517, 294.381



93, 10.533, 292.154



94, 21.063, 199.654



49, 7.507, 292.312



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, 35.517, 294.381



74, 44.280, 295.205



80, 37.182, 310.905



48, 7.384, 292.310



23, 106.556, 306.374



3, 42.115, 301.482

Inverse Universe

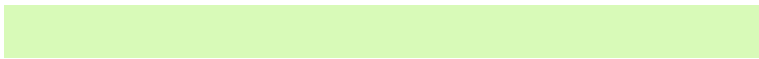
The Inverse Universe completely reimagines the original color for something new.



83, 40.693, 326.728



81, 50.005, 327.036



94, 35.886, 128.428



49, 8.727, 325.767



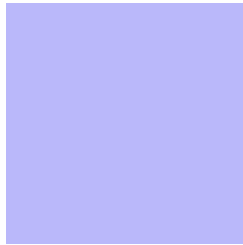
45, 89.996, 329.473



11, 40.840, 329.312

Previews

White Background



This preview shows how the CIELCh color 77, 35.519, 294.382 looks on a white background.

Color Contrast Check

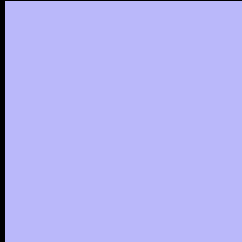
Large Text (above 18pt) WCAG AA × Fail

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, 35.519, 294.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

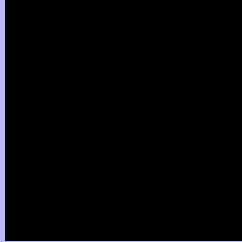
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 35.519, 294.382

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.519, 294.382.

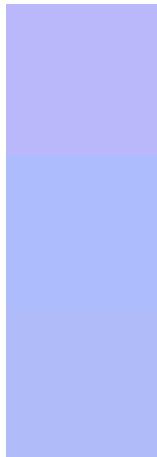


This preview shows how white text looks on a background with the CIELCh color 77, 35.519, 294.382.

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

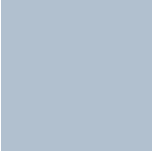
77, 35.519, 294.382

Protanopia

77, 35.082, 285.207

Deuteranopia

77, 33.385, 287.235



Tritanopia
77, 9.499, 257.423

Trichromacy



Original Color
77, 35.519, 294.382

Protanomaly
77, 35.499, 288.827

Deuteranomaly
77, 33.859, 290.011

Tritanomaly
77, 18.444, 282.366

Monochromacy



Original Color
77, 35.519, 294.382

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.902, 292.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.519, 294.382 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(186, 184, 250)` looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 250)  
}
```

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(186, 184, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.519, 294.382 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(186, 184, 250) }
```

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

```
.border{ border-color:rgb(186, 184, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 250);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.519, 294.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 250) }
```

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

```
.background{ background-color: rgb(186,  
184, 250) }
```

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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