

Converting Colors

CIELCh(77, 37.669, 293.533)

Have a look what the booklet for
CIELCh(77, 37.669, 293.533)
contains.

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Color

CIELCh(77, 37.640, 293.542)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8FE
RGB	184, 184, 254
RGB Percent	72%, 72%, 100%
CMY	0.2790, 0.2790, 0.0046
CMYK	0.28, 0.28, 0.00, 0.00
HSL	240°, 97%, 86%
HSV	240°, 28%, 100%
XYZ	54.6995, 51.5317, 100.6896
YIQ	191.9800, -22.4700, 21.7700

Conversions

Conversions Part 2

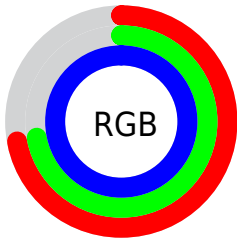
Format	Color
RYB	184, 184, 254
Decimal	12105982
CIELab	77.00, 15.03, -34.51
CIELCh	77, 37.640, 293.542
Yxy	51.5317, 0.2644, 0.2490
Android (android.graphics.Color)	4290296062 (0xFFB8B8FE)
YUV	191.9800, 30.5759, -6.9985
Hunter-Lab	71.7856, 10.3894, -32.9127

Details

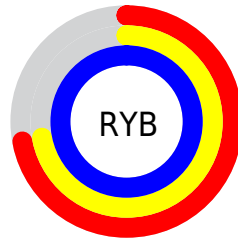
The CIELCh color `77, 37.640, 293.542` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 35.204, 107.483`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.724, 293.334`, and `57, 37.668, 293.459` is the 20% darker color. If you saturate the color by 10%, you get `69, 52.413, 295.186`, and if you desaturate by 10%, it is `85, 23.486, 292.141`.

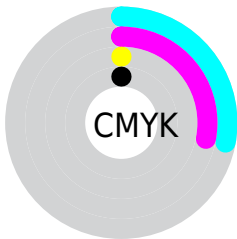
Distribution



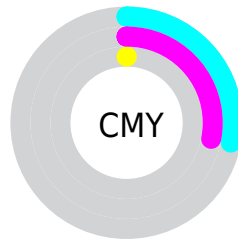
- Red (72%)
- Green (72%)
- Blue (100%)



- Red (72%)
- Yellow (72%)
- Blue (100%)



- Cyan (28%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.640, 293.542 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, 37.640, 293.542 by changing the saturation by 10% instead.

 77, 37.640,
293.542


 77, 37.640,
293.542


 100, 37.640,
293.542


 67, 37.640,
293.542


 97, 37.640,
293.542

 57, 37.640,
293.542

 47, 37.640,
293.542

 37, 37.640,
293.542

 27, 37.640,
293.542

 17, 37.640,
293.542

 7, 37.640, 293.542

■ 0, 37.640, 293.542

■ 77, 37.640,
293.542

■ 77, 37.640,
293.542

■ 69, 52.413,
295.186

■ 85, 23.486,
292.141

■ 61, 67.804,
297.086

■ 93, 9.921, 290.958

■ 53, 83.673,
299.213

100, 0.580,
110.001

■ 46, 99.550,
301.454

■ 39, 114.301,
303.578

■ 35, 125.906,
305.239

■ 33, 132.295,
306.139

■ 32, 133.349,
306.287

Harmonies

Complementary

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



77, 37.640, 293.542



98, 35.204, 107.483

Rectangle

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



77, 37.640, 293.542



77, 37.640, 343.542



77, 37.640, 113.542



77, 37.640, 163.542

Sweetspot

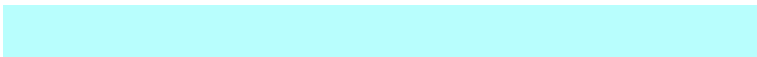
The Sweet Spot groups the original color and five complimentary colors.



77, 37.638, 293.542



93, 10.527, 291.005



95, 22.643, 196.485



49, 7.503, 291.171



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, 37.638, 293.542



73, 45.748, 294.404



80, 39.164, 309.858



49, 7.503, 291.171



23, 107.778, 306.286



3, 44.125, 301.757

Inverse Universe

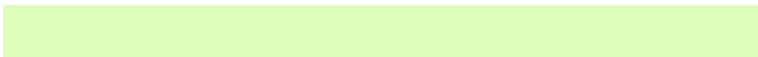
The Inverse Universe completely reimagines the original color for something new.



81, 27.255, 21.650



78, 33.409, 22.332



96, 37.620, 127.180



49, 5.254, 19.938



40, 84.227, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIELCh color 77, 37.640, 293.542 looks on a white background.

Color Contrast Check

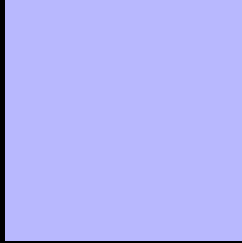
Large Text (above 18pt) WCAG AA × Fail

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, 37.640, 293.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

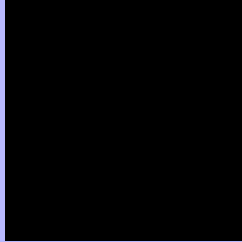
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 37.640, 293.542

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.640, 293.542.

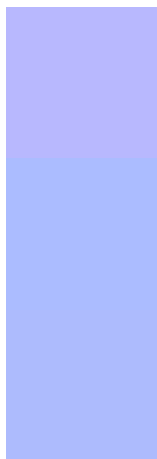


This preview shows how white text looks on a background with the CIELCh color 77, 37.640, 293.542.

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, 37.640, 293.542

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 35.580, 286.373



Tritanopia
77, 10.066, 252.459

Trichromacy



Original Color
77, 37.640, 293.542

Protanomaly
77, 37.109, 288.724

Deuteranomaly
77, 36.030, 288.951

Tritanomaly
77, 19.112, 279.743

Monochromacy



Original Color
77, 37.640, 293.542

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.429, 291.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.640, 293.542 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(184, 184, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 254)  
}
```

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(184, 184, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.640, 293.542 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(184, 184, 254) }
```

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

```
.border{ border-color:rgb(184, 184, 254) }
```

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

Here you see how a box with a 4 pixel rgb(184, 184, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.640, 293.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 254) }
```

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

```
.background{ background-color: rgb(184,  
184, 254) }
```

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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