

Converting Colors

CIELCh(77, 37.245, 292.667)

Have a look what the booklet for
CIELCh(77, 37.245, 292.667)
contains.

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Color

CIELCh(77, 37.637, 293.069)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8FE
RGB	183, 184, 254
RGB Percent	72%, 72%, 100%
CMY	0.2822, 0.2782, 0.0037
CMYK	0.28, 0.28, 0.00, 0.00
HSL	239°, 97%, 86%
HSV	239°, 28%, 100%
XYZ	54.5865, 51.5317, 100.8760
YIQ	191.6810, -23.0660, 21.5580

Conversions

Conversions Part 2

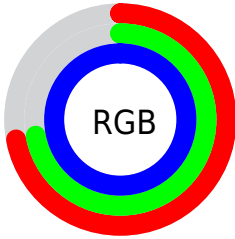
Format	Color
RYB	183, 184, 254
Decimal	12040446
CIELab	77.00, 14.75, -34.63
CIELCh	77, 37.637, 293.069
Yxy	51.5317, 0.2637, 0.2490
Android (android.graphics.Color)	4290230526 (0xFFB7B8FE)
YUV	191.6810, 30.7233, -7.6132
Hunter-Lab	71.7856, 10.1084, -33.0667

Details

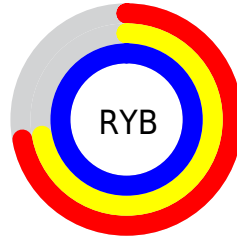
The CIELCh color $77, 37.637, 293.069$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98, 35.230, 106.852$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.711, 290.782$, and $57, 37.671, 292.990$ is the 20% darker color. If you saturate the color by 10%, you get $69, 52.211, 294.737$, and if you desaturate by 10%, it is $85, 23.669, 291.648$.

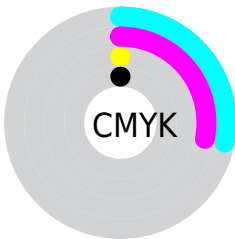
Distribution



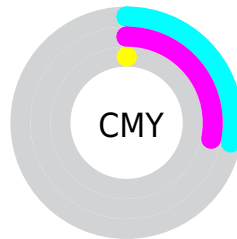
- Red (72%)
- Green (72%)
- Blue (100%)



- 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, 37.637, 293.069 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, 37.637, 293.069 by changing the saturation by 10% instead.

 77, 37.637,
293.069

 77, 37.637,
293.069


 100, 37.637,
293.069

 67, 37.637,
293.069

 97, 37.637,
293.069

 57, 37.637,
293.069

 47, 37.637,
293.069

 37, 37.637,
293.069

 27, 37.637,
293.069

 17, 37.637,
293.069

 7, 37.637, 293.069

■ 0, 37.637, 293.069

■ 77, 37.637,
293.069

■ 77, 37.637,
293.069

■ 69, 52.211,
294.737

■ 85, 23.669,
291.648

■ 61, 67.394,
296.664

■ 93, 10.276,
290.447

■ 53, 83.062,
298.825

100, 0.471,
109.978

■ 46, 98.783,
301.112

■ 40, 113.495,
303.301

■ 35, 125.276,
305.053

■ 33, 132.011,
306.052

■ 32, 132.883,
306.173

Harmonies

Complementary

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



77, 37.637, 293.069



98, 35.230, 106.852

Rectangle

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



77, 37.637, 293.069



77, 37.637, 343.069



77, 37.637, 113.069



77, 37.637, 163.069

Sweetspot

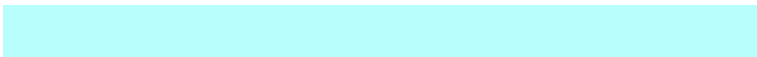
The Sweet Spot groups the original color and five complimentary colors.



77, 37.635, 293.069



94, 10.377, 290.453



95, 22.934, 196.465



49, 7.395, 290.621



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, 37.635, 293.069



72, 46.525, 294.048



80, 39.740, 309.879



49, 7.395, 290.621



23, 107.143, 306.125



3, 43.681, 301.529

Inverse Universe

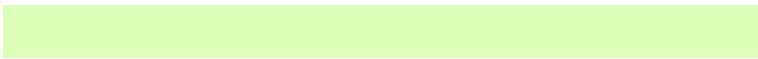
The Inverse Universe completely reimagines the original color for something new.



81, 27.624, 20.622



77, 34.451, 21.418



96, 38.151, 127.162



49, 5.252, 18.804



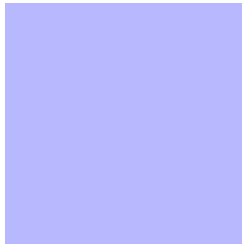
40, 83.589, 39.445



10, 33.250, 26.616

Previews

White Background



This preview shows how the CIELCh color 77, 37.637, 293.069 looks on a white background.

Color Contrast Check

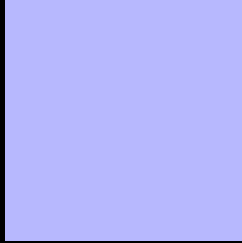
Large Text (above 18pt) WCAG AA × Fail

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, 37.637, 293.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

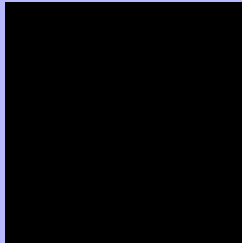
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 37.637, 293.069

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.637, 293.069.



This preview shows how white text looks on a background with the CIELCh color 77, 37.637, 293.069.

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, 37.637, 293.069

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 35.580, 286.373



Tritanopia
77, 10.271, 250.941

Trichromacy



Original Color
77, 37.637, 293.069

Protanomaly
77, 36.586, 287.634

Deuteranomaly
77, 36.030, 288.951

Tritanomaly
77, 19.175, 278.778

Monochromacy



Original Color
77, 37.637, 293.069

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.965, 291.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.637, 293.069 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(183, 184, 254)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 184, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.637, 293.069 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(183, 184, 254) }
```

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

```
.border{ border-color:rgb(183, 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(183, 184, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.637, 293.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 254) }
```

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

```
.background{ background-color: rgb(183,  
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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