

Converting Colors

CIELCh(77, 39.918, 296.514)

Have a look what the booklet for
CIELCh(77, 39.918, 296.514)
contains.

CIELCh(77, 39.375, 296.425)	3
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Color

CIELCh(77, 39.375, 296.425)

Conversions

Conversions Part 1

Format	Color
Hex	BCB6FF
RGB	188, 182, 255
RGB Percent	74%, 71%, 100%
CMY	0.2616, 0.2852, 0.0000
CMYK	0.26, 0.29, 0.00, 0.00
HSL	245°, 100%, 86%
HSV	245°, 29%, 100%
XYZ	55.6874, 51.5317, 101.8628
YIQ	192.1160, -19.8570, 23.9750

Conversions

Conversions Part 2

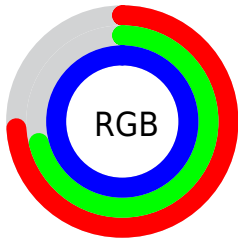
Format	Color
R_{YB}	188, 182, 255
Decimal	12367615
CIE _{Lab}	77.00, 17.52, -35.26
CIE _{LCh}	77, 39.375, 296.425
Yxy	51.5317, 0.2663, 0.2465
Android (android.graphics.Color)	4290557695 (0xFFBCB6FF)
YUV	192.1160, 31.0018, -3.6097
Hunter-Lab	71.7856, 12.8457, -33.8817

Details

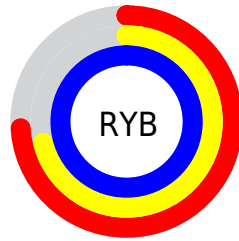
The CIELCh color $77, 39.375, 296.425$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98, 36.614, 111.004$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.107, 306.246$, and $57, 39.482, 296.436$ is the 20% darker color. If you saturate the color by 10%, you get $69, 54.089, 297.822$, and if you desaturate by 10%, it is $85, 24.945, 295.219$.

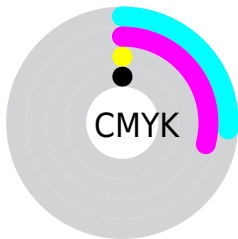
Distribution



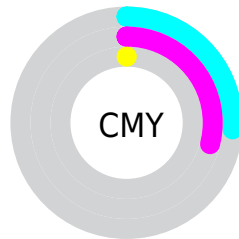
- Red (74%)
- Green (71%)
- Blue (100%)



- Red (74%)
- Yellow (71%)
- Blue (100%)



- Cyan (26%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (26%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 39.375, 296.425 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, 39.375, 296.425 by changing the saturation by 10% instead.


 77, 39.375,
296.425

 77, 39.375,
296.425


 100, 39.375,
296.425


 67, 39.375,
296.425


 97, 39.375,
296.425

 57, 39.375,
296.425

 47, 39.375,
296.425

 37, 39.375,
296.425

 27, 39.375,
296.425

 17, 39.375,
296.425

 7, 39.375, 296.425

■ 0, 39.375, 296.425

■ 77, 39.375,
296.425

■ 77, 39.375,
296.425

■ 69, 54.089,
297.822

■ 85, 24.945,
295.219

■ 61, 69.514,
299.413

■ 93, 11.249,
294.188

■ 53, 85.306,
301.160

100, 0.012,
296.813

■ 46, 100.949,
302.964

■ 40, 115.308,
304.624

■ 35, 126.490,
305.848

■ 33,132.722,
306.411

■ 33,133.398,
306.479

Harmonies

Complementary

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



77, 39.375, 296.425



98, 36.614, 111.004

Rectangle

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



77, 39.375, 296.425



77, 39.375, 346.425



77, 39.375, 116.425



77, 39.375, 166.425

Sweetspot

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



77, 39.219, 296.425



93, 11.894, 294.234



94, 21.831, 204.698



48, 8.288, 294.375



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, 39.219, 296.425



73, 47.295, 297.166



80, 41.273, 312.664



49, 7.521, 294.283



23, 107.346, 306.535



4, 44.322, 303.391

Inverse Universe

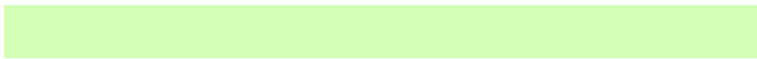
The Inverse Universe completely reimagines the original color for something new.



83, 43.089, 328.402



80, 51.213, 328.721



96, 39.899, 130.055



50, 8.559, 327.276



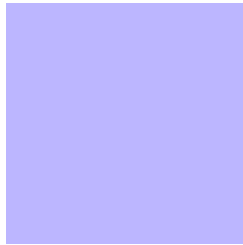
45, 87.227, 331.829



12, 40.444, 331.362

Previews

White Background



This preview shows how the CIELCh color 77, 39.375, 296.425 looks on a white background.

Color Contrast Check

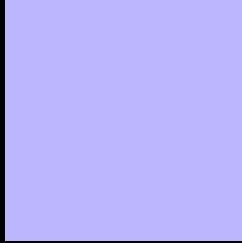
Large Text (above 18pt) WCAG AA × Fail

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, 39.375, 296.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

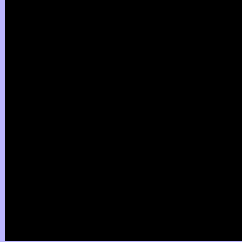
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 39.375, 296.425

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.375, 296.425.

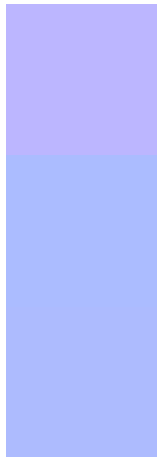


This preview shows how white text looks on a background with the CIELCh color 77, 39.375, 296.425.

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, 39.375, 296.425

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 36.108, 286.538



Tritanopia
77, 9.477, 264.637

Trichromacy



Original Color
77, 39.375, 296.425

Protanomaly
77, 37.092, 289.190

Deuteranomaly
77, 37.089, 290.618

Tritanomaly
77, 19.412, 285.958

Monochromacy



Original Color
77, 39.375, 296.425

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 14.568, 295.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.375, 296.425 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(188, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 182, 255)  
}
```

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(188, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 182, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.375, 296.425 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(188, 182, 255) }
```

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

```
.border{ border-color:rgb(188, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 182,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.375, 296.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 182, 255) }
```

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

```
.background{ background-color: rgb(188,  
182, 255) }
```

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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