

Converting Colors

CIELCh(77, 36.306, 289.051)

Have a look what the booklet for
CIELCh(77, 36.306, 289.051)
contains.

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Color

CIELCh(77, 36.030, 288.951)

Conversions

Conversions Part 1

Format	Color
Hex	B1BAFD
RGB	177, 186, 253
RGB Percent	69%, 73%, 99%
CMY	0.3060, 0.2707, 0.0080
CMYK	0.30, 0.26, 0.00, 0.01
HSL	233°, 95%, 84%
HSV	233°, 30%, 99%
XYZ	53.3949, 51.5317, 100.0243
YIQ	190.9470, -26.8710, 18.9290

Conversions

Conversions Part 2

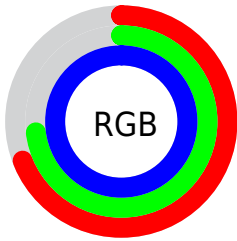
Format	Color
RYB	177, 185, 253
Decimal	11647741
CIELab	77.00, 11.70, -34.08
CIElCh	77, 36.030, 288.951
Yxy	51.5317, 0.2605, 0.2514
Android (android.graphics.Color)	4289837821 (0xFFB1BAFD)
YUV	190.9470, 30.5921, -12.2315
Hunter-Lab	71.7856, 7.1453, -32.3633

Details

The CIELCh color `77, 36.030, 288.951` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 34.136, 101.611`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.167, 268.269`, and `57, 35.992, 288.778` is the 20% darker color. If you saturate the color by 10%, you get `70, 48.947, 290.789`, and if you desaturate by 10%, it is `84, 23.600, 287.381`.

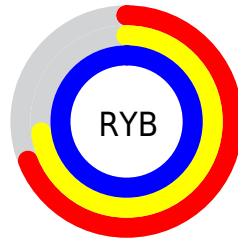
Distribution



Red (69%)

Green (73%)

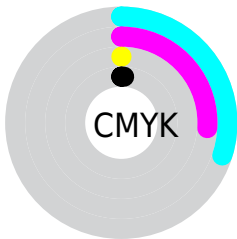
Blue (99%)



Red (69%)

Yellow (73%)

Blue (99%)

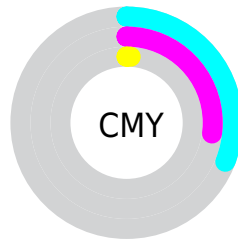


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.030, 288.951 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, 36.030, 288.951 by changing the saturation by 10% instead.

■ 77, 36.030,
288.951

■ 77, 36.030,
288.951

■ 100, 36.030,
288.951

■ 67, 36.030,
288.951

■ 97, 36.030,
288.951

■ 57, 36.030,
288.951

■ 47, 36.030,
288.951

■ 37, 36.030,
288.951

■ 27, 36.030,
288.951

■ 17, 36.030,
288.951

■ 7, 36.030, 288.951

■ 0, 36.030, 288.951

■ 77, 36.030,
288.951

■ 77, 36.030,
288.951

■ 70, 48.947,
290.789

■ 84, 23.600,
287.381

■ 62, 62.383,
292.919

■ 92, 11.622,
286.050

■ 55, 76.310,
295.333

■ 99, 0.060, 287.188

■ 48, 90.543,
297.960

■ 100, 1.025,
110.026

■ 42, 104.538,
300.633

■ 37, 117.146,
303.075

■ 34, 126.676,
304.932

Harmonies

Complementary

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



77, 36.030, 288.951



95, 34.136, 101.611

Rectangle

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



77, 36.030, 288.951



77, 36.030, 338.951



77, 36.030, 108.951



77, 36.030, 158.951

Sweetspot

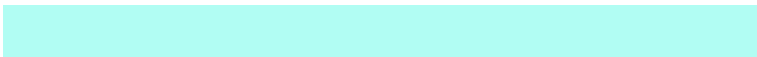
The Sweet Spot groups the original color and five complimentary colors.



77, 36.029, 288.951



93, 10.466, 285.924



94, 25.460, 185.922



49, 7.290, 286.101



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, 36.029, 288.951



73, 43.950, 290.014



77, 42.026, 306.106



49, 6.617, 285.985



25, 101.622, 304.644



5, 40.360, 299.578

Inverse Universe

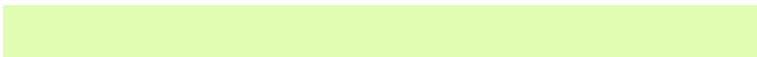
The Inverse Universe completely reimagines the original color for something new.



80, 29.656, 12.866



76, 36.335, 13.790



96, 39.765, 122.681



50, 5.307, 10.415



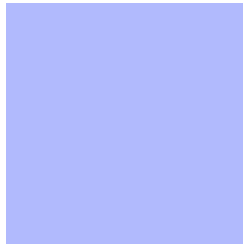
40, 79.078, 34.972



10, 32.478, 22.347

Previews

White Background



This preview shows how the CIELCh color 77, 36.030, 288.951 looks on a white background.

Color Contrast Check

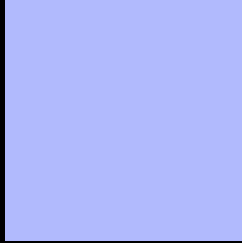
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 36.030, 288.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

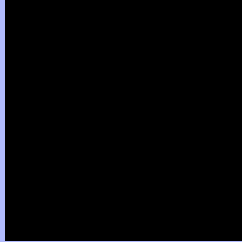
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.030, 288.951

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.030, 288.951.



This preview shows how white text looks on a background with the CIELCh color 77, 36.030, 288.951.

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, 36.030, 288.951

Protanopia

77, 36.168, 285.598

Deuteranopia

77, 35.552, 286.855



Tritanopia
77, 12.185, 243.974

Trichromacy



Original Color
77, 36.030, 288.951

Protanomaly
77, 36.108, 286.538

Deuteranomaly
77, 35.527, 287.340

Tritanomaly
77, 19.727, 272.287

Monochromacy



Original Color
77, 36.030, 288.951

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 13.452, 286.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.030, 288.951 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(177, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(177, 186, 253)  
}
```

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(177, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 186, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.030, 288.951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

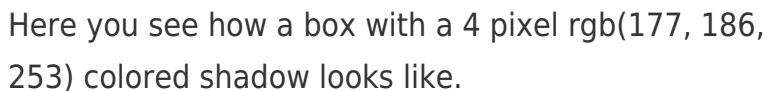
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 186, 253) }
```

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

```
.border{ border-color:rgb(177, 186, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 186, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 186, 253); box-shadow:4px 4px 4px 4px rgb(177, 186, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.030, 288.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 186, 253) }
```

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

```
.background{ background-color: rgb(177,  
186, 253) }
```

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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