

Converting Colors

CIELCh(77, 30.123, 279.430)

Have a look what the booklet for
CIELCh(77, 30.123, 279.430)
contains.

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Color

CIELCh(77, 30.137, 279.015)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEF5
RGB	167, 190, 245
RGB Percent	65%, 75%, 96%
CMY	0.3458, 0.2556, 0.0399
CMYK	0.32, 0.22, 0.00, 0.04
HSL	222°, 79%, 81%
HSV	222°, 32%, 96%
XYZ	50.7308, 51.5317, 93.5151
YIQ	189.3930, -31.3630, 12.2290

Conversions

Conversions Part 2

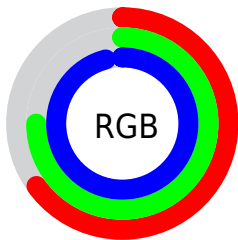
Format	Color
R _Y B	167, 185, 245
Decimal	10993397
CIE Lab	77.00, 4.72, -29.76
CIE LCh	77, 30.137, 279.015
Yxy	51.5317, 0.2591, 0.2632
Android (android.graphics.Color)	4289183477 (0xFFA7BEF5)
YUV	189.3930, 27.4143, -19.6387
Hunter-Lab	71.7856, 0.5209, -26.9872

Details

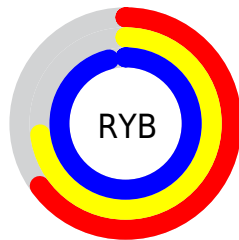
The CIELCh color `77, 30.137, 279.015` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `89, 29.898, 90.015`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.669, 231.333`, and `57, 30.263, 279.140` is the 20% darker color. If you saturate the color by 10%, you get `71, 40.037, 281.141`, and if you desaturate by 10%, it is `83, 20.460, 277.198`.

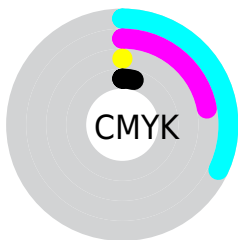
Distribution



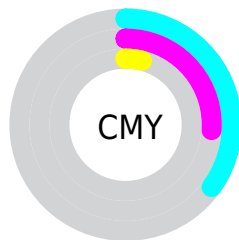
- Red (65%)
- Green (75%)
- Blue (96%)



- Red (65%)
- Yellow (73%)
- Blue (96%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)





- Cyan (35%)
- Magenta (26%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 30.137, 279.015 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, 30.137, 279.015 by changing the saturation by 10% instead.


 77, 30.137,
279.015


 77, 30.137,
279.015


 100, 30.137,
279.015


 67, 30.137,
279.015


 97, 30.137,
279.015

 57, 30.137,
279.015

 47, 30.137,
279.015

 37, 30.137,
279.015

 27, 30.137,
279.015

 17, 30.137,
279.015

 7, 30.137, 279.015

■ 0, 30.137, 279.015

■ 77, 30.137,
279.015

■ 77, 30.137,
279.015

■ 71, 40.037,
281.141

■ 83, 20.460,
277.198

■ 65, 50.195,
283.615

■ 89, 10.989,
275.653

■ 59, 60.648,
286.454

■ 95, 1.711, 274.444

■ 53, 71.421,
289.632

■ 100, 5.150,
109.778

■ 48, 82.470,
293.054

■ 43, 93.580,
296.534

■ 40,102.360,
299.191

Harmonies

Complementary

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



77, 30.137, 279.015



89, 29.898, 90.015

Rectangle

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



77, 30.137, 279.015



77, 30.137, 329.015



77, 30.137, 99.015



77, 30.137, 149.015

Sweetspot

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



77, 30.136, 279.014



94, 9.564, 275.398



91, 29.025, 172.763



49, 6.534, 275.593



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, 30.136, 279.014



76, 37.409, 280.299



72, 42.896, 300.702



48, 5.256, 275.325



30, 81.909, 298.620



7, 31.010, 292.642

Inverse Universe

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



76, 31.874, 359.939



76, 39.564, 0.912



94, 39.891, 115.795



48, 5.465, 357.163



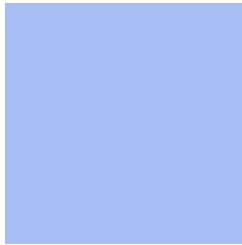
39, 69.403, 21.601



9, 29.689, 11.536

Previews

White Background



This preview shows how the CIELCh color 77, 30.137, 279.015 looks on a white background.

Color Contrast Check

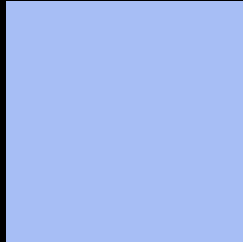
Large Text (above 18pt) WCAG AA × Fail

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, 30.137, 279.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

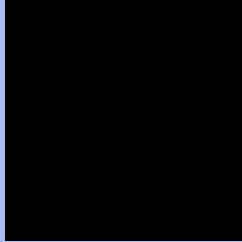
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

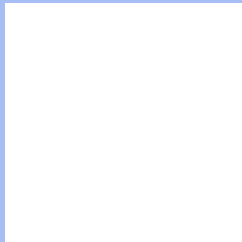
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 30.137, 279.015

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.137, 279.015.



This preview shows how white text looks on a background with the CIELCh color 77, 30.137, 279.015.

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

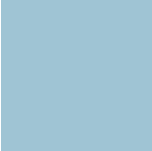
77, 30.137, 279.015

Protanopia

77, 29.710, 284.833

Deuteranopia

77, 32.291, 288.581



Tritanopia
77, 14.870, 234.146

Trichromacy



Original Color
77, 30.137, 279.015

Protanomaly
77, 29.844, 282.458

Deuteranomaly
77, 31.852, 285.646

Tritanomaly
77, 18.895, 257.879

Monochromacy



Original Color
77, 30.137, 279.015

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.051, 276.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.137, 279.015 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(167, 190, 245)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 245)  
}
```

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(167, 190, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.137, 279.015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

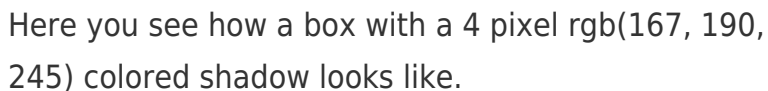
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 190, 245) }
```

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

```
.border{ border-color:rgb(167, 190, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 190, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 190, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 190, 245); box-shadow:4px 4px 4px 4px rgb(167, 190, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.137, 279.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 245) }
```

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

```
.background{ background-color: rgb(167,  
190, 245) }
```

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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