

Converting Colors

CIELCh(77, 33.431, 271.641)

Have a look what the booklet for
CIELCh(77, 33.431, 271.641)
contains.

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Color

CIELCh(77, 33.357, 271.941)

Conversions

Conversions Part 1

Format	Color
Hex	98C0FB
RGB	152, 192, 251
RGB Percent	60%, 75%, 98%
CMY	0.4026, 0.2458, 0.0144
CMYK	0.39, 0.23, 0.00, 0.01
HSL	216°, 93%, 79%
HSV	216°, 39%, 99%
XYZ	49.3947, 51.5317, 98.8878
YIQ	186.7660, -42.7790, 9.8690

Conversions

Conversions Part 2

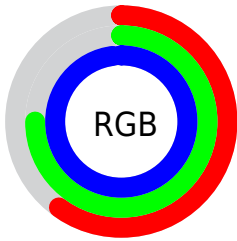
Format	Color
RYB	152, 180, 251
Decimal	10010875
CIELab	77.00, 1.13, -33.34
CIELCh	77, 33.357, 271.941
Yxy	51.5317, 0.2472, 0.2579
Android (android.graphics.Color)	4288200955 (0xFF98C0FB)
YUV	186.7660, 31.6674, -30.4898
Hunter-Lab	71.7856, -2.8015, -31.4246

Details

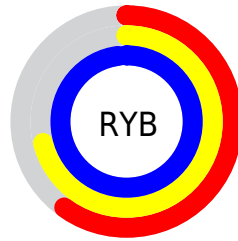
The CIELCh color `77, 33.357, 271.941` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `87, 34.987, 79.787`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 13.366, 214.337`, and `57, 33.150, 271.359` is the 20% darker color. If you saturate the color by 10%, you get `72, 41.935, 274.497`, and if you desaturate by 10%, it is `82, 24.827, 269.765`.

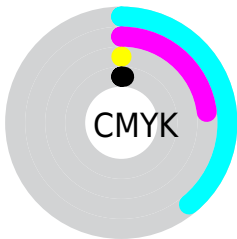
Distribution



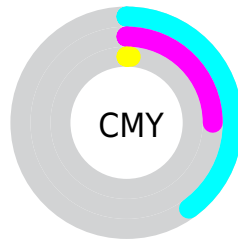
- Red (60%)
- Green (75%)
- Blue (98%)



- Red (60%)
- Yellow (71%)
- Blue (98%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)





- Cyan (40%)
- Magenta (25%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.357, 271.941 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, 33.357, 271.941 by changing the saturation by 10% instead.


 77, 33.357,
271.941


 77, 33.357,
271.941


 100, 33.357,
271.941


 67, 33.357,
271.941


 97, 33.357,
271.941

 57, 33.357,
271.941

 47, 33.357,
271.941

 37, 33.357,
271.941

 27, 33.357,
271.941

 17, 33.357,
271.941

 7, 33.357, 271.941

■ 0, 33.357, 271.941

■ 77, 33.357,
271.941

■ 77, 33.357,
271.941

■ 72, 41.935,
274.497

■ 82, 24.827,
269.765

■ 66, 50.592,
277.473

■ 88, 16.338,
267.921

■ 61, 59.380,
280.875

■ 94, 7.893, 266.369

■ 56, 68.365,
284.655

■ 99, 0.498, 84.283

■ 52, 77.588,
288.684

■ 100, 1.847,
109.998

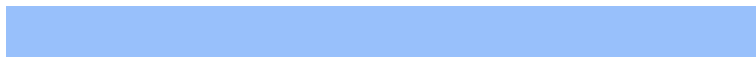
■ 48, 87.009,
292.703

■ 47, 87.586,
292.932

Harmonies

Complementary

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



77, 33.357, 271.941



87, 34.987, 79.787

Rectangle

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



77, 33.357, 271.941



77, 33.357, 321.941



77, 33.357, 91.941



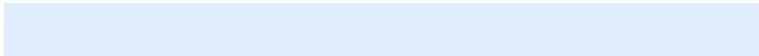
77, 33.357, 141.941

Sweetspot

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



77, 33.356, 271.940



93, 10.209, 266.748



92, 39.591, 164.329



49, 6.774, 266.944



0, 0.000, 0.000



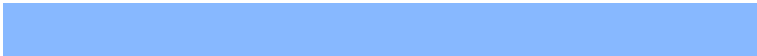
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 33.356, 271.940



74, 40.347, 273.858



67, 54.765, 297.971



49, 4.755, 266.383



36, 69.308, 292.202



9, 27.208, 286.134

Inverse Universe

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



74, 42.304, 353.605



71, 50.936, 354.838



96, 49.497, 110.137



49, 5.903, 349.990



40, 67.594, 11.374



10, 30.494, 4.079

Previews

White Background



This preview shows how the CIELCh color 77, 33.357, 271.941 looks on a white background.

Color Contrast Check

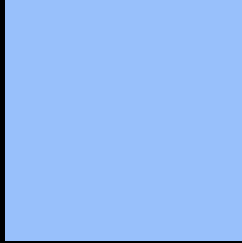
Large Text (above 18pt) WCAG AA × Fail

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, 33.357, 271.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

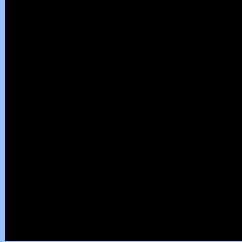
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

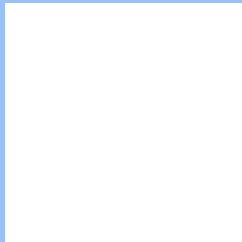
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 33.357, 271.941

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.357, 271.941.



This preview shows how white text looks on a background with the CIELCh color 77, 33.357, 271.941.

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, 33.357, 271.941

Protanopia
77, 32.940, 285.485

Deuteranopia
77, 35.580, 286.373



Tritanopia
77, 19.771, 224.171

Trichromacy



Original Color
77, 33.357, 271.941

Protanomaly
77, 32.799, 280.036

Deuteranomaly
77, 34.348, 280.870

Tritanomaly
77, 22.629, 246.306

Monochromacy



Original Color
77, 33.357, 271.941

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.307, 266.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.357, 271.941 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(152, 192, 251)` looks like.

```
.text, #text, p{  
    color:rgb(152, 192, 251)  
}
```

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(152, 192, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 192, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.357, 271.941 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(152, 192, 251) }
```

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

```
.border{ border-color:rgb(152, 192, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 192, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 192, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 192, 251);  
box-shadow:4px 4px 4px 4px rgb(152, 192,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.357, 271.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 192, 251) }
```

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

```
.background{ background-color: rgb(152,  
192, 251) }
```

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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