

Converting Colors

CIELCh(77, 34.446, 272.484)

Have a look what the booklet for
CIELCh(77, 34.446, 272.484)
contains.

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Color

CIELCh(77, 34.415, 272.340)

Conversions

Conversions Part 1

Format	Color
Hex	97C0FD
RGB	151, 192, 253
RGB Percent	59%, 75%, 99%
CMY	0.4068, 0.2460, 0.0067
CMYK	0.40, 0.24, 0.00, 0.01
HSL	216°, 97%, 79%
HSV	216°, 40%, 99%
XYZ	49.4963, 51.5317, 100.5024
YIQ	186.6950, -44.0170, 10.2790

Conversions

Conversions Part 2

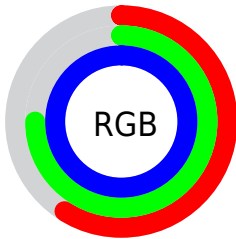
Format	Color
R _Y B	151, 180, 253
Decimal	9945341
CIE Lab	77.00, 1.41, -34.39
CIE LCh	77, 34.415, 272.340
Yxy	51.5317, 0.2456, 0.2557
Android (android.graphics.Color)	4288135421 (0xFF97C0FD)
YUV	186.6950, 32.6884, -31.3045
Hunter-Lab	71.7856, -2.5489, -32.7581

Details

The CIELCh color **77, 34.415, 272.340** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 36.086, 79.851**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.670, 213.963**, and **57, 34.242, 271.955** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.084, 274.931**, and if you desaturate by 10%, it is **83, 25.800, 270.132**.

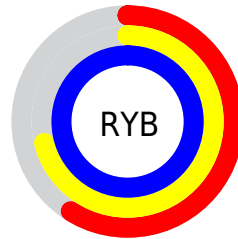
Distribution



Red (59%)

Green (75%)

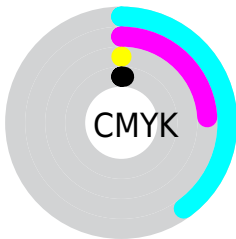
Blue (99%)



Red (59%)

Yellow (71%)

Blue (99%)

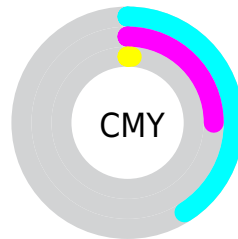


Cyan (40%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (41%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.415, 272.340 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, 34.415, 272.340 by changing the saturation by 10% instead.

 77, 34.415,
272.340

 77, 34.415,
272.340

 100, 34.415,
272.340

 67, 34.415,
272.340


 97, 34.415,
272.340

 57, 34.415,
272.340

 47, 34.415,
272.340

 37, 34.415,
272.340

 27, 34.415,
272.340

 17, 34.415,
272.340

 7, 34.415, 272.340

0, 34.415, 272.340

77, 34.415,
272.340

77, 34.415,
272.340

72, 43.084,
274.931

83, 25.800,
270.132

66, 51.841,
277.943

88, 17.230,
268.261

61, 60.741,
281.378

94, 8.707, 266.684

56, 69.847,
285.182

99, 0.240, 266.730

100, 0.859,
110.024

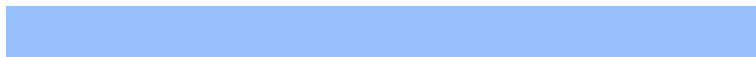
52, 79.194,
289.215

48, 88.467,
293.092

Harmonies

Complementary

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



77, 34.415, 272.340



87, 36.086, 79.851

Rectangle

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



77, 34.415, 272.340



77, 34.415, 322.340



77, 34.415, 92.340



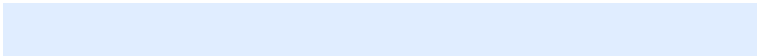
77, 34.415, 142.340

Sweetspot

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



77, 34.414, 272.340



93, 10.231, 266.937



92, 40.666, 164.215



49, 6.789, 267.134



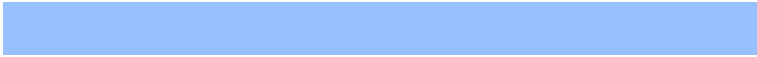
0, 0.000, 0.000



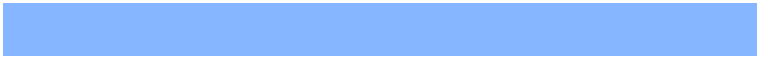
53, 0.007, 296.813

Same Dimension

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



77, 34.414, 272.340



73, 41.333, 274.310



67, 56.445, 298.107



50, 4.844, 266.576



36, 70.335, 292.388



10, 28.260, 286.654

Inverse Universe

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



74, 43.480, 353.878



70, 51.936, 355.154



97, 50.868, 110.065



50, 5.995, 350.120



41, 68.304, 11.629



10, 31.304, 4.633

Previews

White Background



This preview shows how the CIELCh color 77, 34.415, 272.340 looks on a white background.

Color Contrast Check

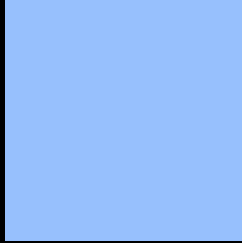
Large Text (above 18pt) WCAG AA × Fail

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, 34.415, 272.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

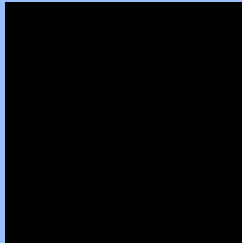
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

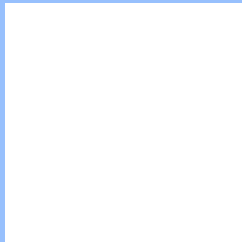
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 34.415, 272.340

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.415, 272.340.



This preview shows how white text looks on a background with the CIELCh color 77, 34.415, 272.340.

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

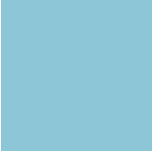
77, 34.415, 272.340

Protanopia

77, 33.996, 285.853

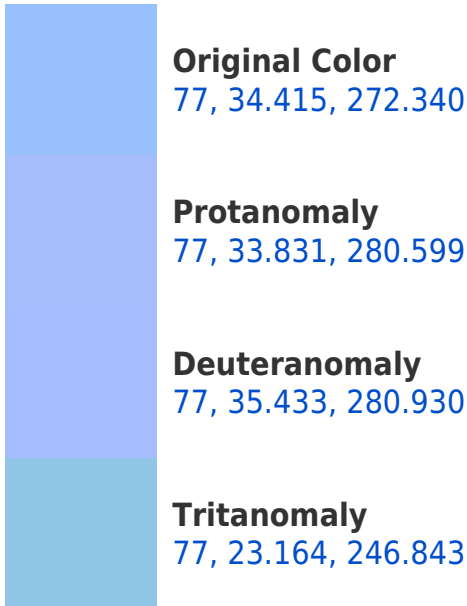
Deuteranopia

77, 36.137, 286.067

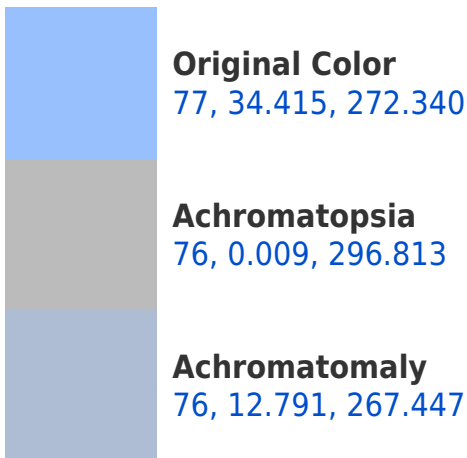


Tritanopia
77, 20.286, 223.436

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.415, 272.340 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(151, 192, 253)` looks like.

```
.text, #text, p{  
    color:rgb(151, 192, 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(151, 192, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 192, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.415, 272.340 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(151, 192, 253) }
```

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

```
.border{ border-color:rgb(151, 192, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 192, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 192, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 192, 253); box-shadow:4px 4px 4px 4px rgb(151, 192, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.415, 272.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 192, 253) }
```

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

```
.background{ background-color: rgb(151,  
192, 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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