

Converting Colors

CIELCh(73, 44.549, 272.260)

Have a look what the booklet for
CIELCh(73, 44.549, 272.260)
contains.

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Color

CIELCh(73, 42.084, 270.564)

Conversions

Conversions Part 1

Format	Color
Hex	7AB7FF
RGB	122, 183, 255
RGB Percent	48%, 72%, 100%
CMY	0.5222, 0.2833, 0.0000
CMYK	0.52, 0.28, 0.00, 0.00
HSL	213°, 100%, 74%
HSV	213°, 52%, 100%
XYZ	43.0666, 45.1644, 101.7447
YIQ	172.9690, -59.4680, 9.4600

Conversions

Conversions Part 2

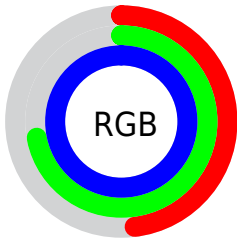
Format	Color
RYB	122, 164, 255
Decimal	8042495
CIELab	73.00, 0.41, -42.08
CIELCh	73, 42.084, 270.564
Yxy	45.1644, 0.2267, 0.2377
Android (android.graphics.Color)	4286232575 (0xFF7AB7FF)
YUV	172.9690, 40.4413, -44.6998
Hunter-Lab	67.2044, -3.2197, -42.7195

Details

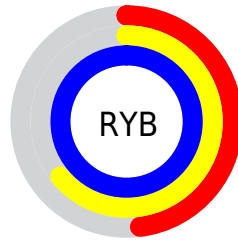
The CIELCh color **73, 42.084, 270.564** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 46.572, 72.928**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.024, 222.977**, and **53, 41.761, 270.519** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.540, 273.432**, and if you desaturate by 10%, it is **78, 33.821, 267.501**.

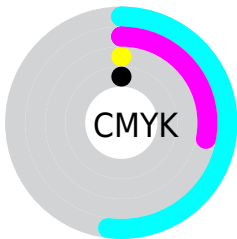
Distribution



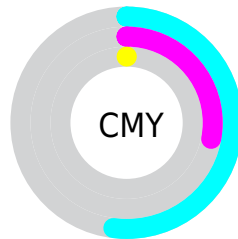
- Red (48%)
- Green (72%)
- Blue (100%)



- Red (48%)
- Yellow (64%)
- Blue (100%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.084, 270.564 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 73, 42.084, 270.564 by changing the saturation by 10% instead.

■ 73, 42.084,
270.564

■ 73, 42.084,
270.564

■ 100, 42.084,
270.564

■ 63, 42.084,
270.564

■ 93, 42.084,
270.564

■ 53, 42.084,
270.564

■ 43, 42.084,
270.564

■ 33, 42.084,
270.564

■ 23, 42.084,
270.564

■ 13, 42.084,
270.564

■ 3, 42.084, 270.564

0, 42.084, 270.564

73, 42.084,
270.564

73, 42.084,
270.564

68, 49.540,
273.432

78, 33.821,
267.501

63, 57.414,
277.095

83, 25.889,
265.185

59, 65.405,
281.169

88, 17.898,
263.234

55, 73.601,
285.508

94, 9.862, 261.599

52, 80.154,
288.863

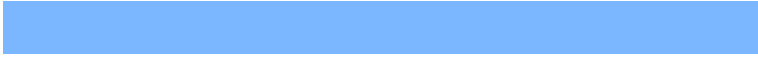
99, 1.801, 260.379

100, 0.012,
296.813

Harmonies

Complementary

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



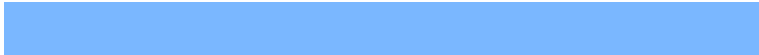
73, 42.084, 270.564



83, 46.572, 72.928

Rectangle

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



73, 42.084, 270.564



73, 42.084, 320.564



73, 42.084, 90.564



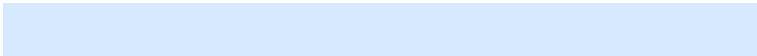
73, 42.084, 140.564

Sweetspot

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



73, 41.696, 270.236



92, 12.902, 262.182



91, 54.006, 159.740



48, 8.707, 262.517



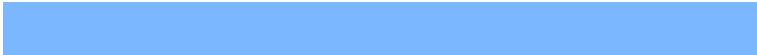
0, 0.000, 0.000



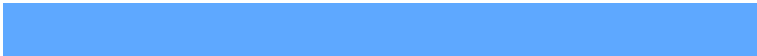
53, 0.007, 296.813

Same Dimension

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



73, 41.696, 270.236



68, 50.151, 273.701



58, 75.382, 298.842



50, 4.590, 261.206



39, 63.402, 288.074



11, 25.621, 281.866

Inverse Universe

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



68, 57.557, 352.176



63, 67.605, 354.288



97, 64.960, 106.796



50, 6.207, 346.792



41, 68.000, 6.207



10, 31.534, 359.963

Previews

White Background



This preview shows how the CIELCh color 73, 42.084, 270.564 looks on a white background.

Color Contrast Check

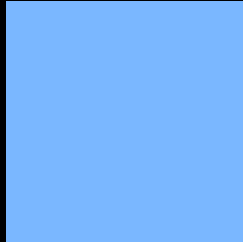
Large Text (above 18pt) WCAG AA × Fail

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 73, 42.084, 270.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

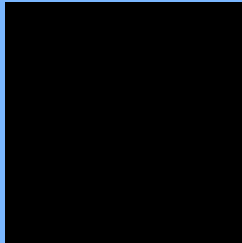
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

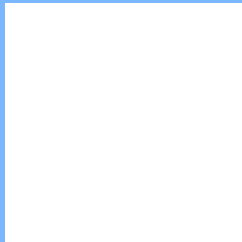
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 42.084, 270.564

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.084, 270.564.



This preview shows how white text looks on a background with the CIELCh color 73, 42.084, 270.564.

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
73, 41.581, 270.102

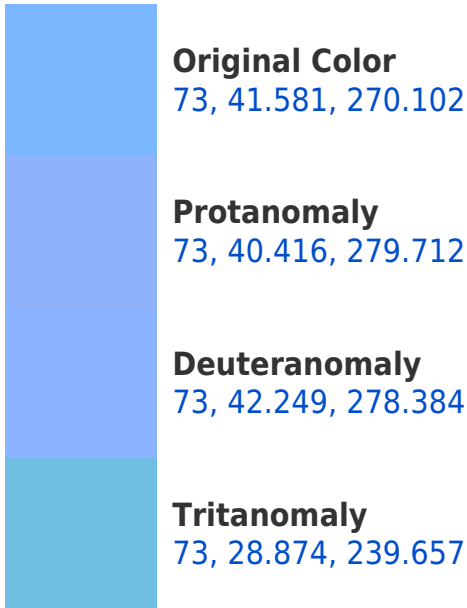
Protanopia
73, 39.871, 285.234

Deuteranopia
73, 42.767, 283.149

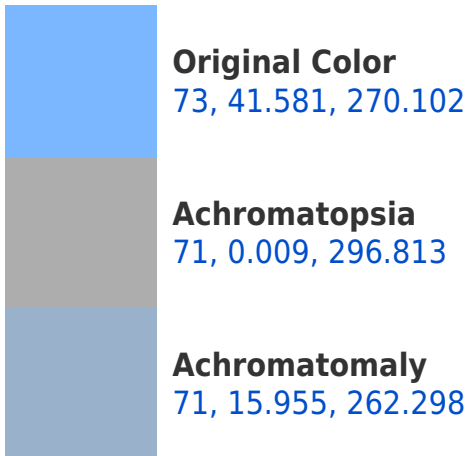


Tritanopia
73, 27.150, 215.192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.084, 270.564 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(122, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 183, 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(122, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 183, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.084, 270.564 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(122, 183, 255) }
```

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

```
.border{ border-color:rgb(122, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 183,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.084, 270.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 183, 255) }
```

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

```
.background{ background-color: rgb(122,  
183, 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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