

Converting Colors

CIELCh(73, 41.339, 270.965)

Have a look what the booklet for
CIELCh(73, 41.339, 270.965)
contains.

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Color

CIELCh(73, 40.950, 270.297)

Conversions

Conversions Part 1

Format	Color
Hex	7CB7FE
RGB	124, 183, 254
RGB Percent	49%, 72%, 100%
CMY	0.5148, 0.2833, 0.0050
CMYK	0.51, 0.28, 0.00, 0.00
HSL	213°, 98%, 74%
HSV	213°, 51%, 100%
XYZ	42.9987, 45.1644, 99.9870
YIQ	173.4530, -57.9550, 9.5730

Conversions

Conversions Part 2

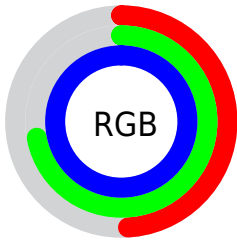
Format	Color
RYB	124, 165, 254
Decimal	8173566
CIELab	73.00, 0.21, -40.95
CIElCh	73, 40.950, 270.297
Yxy	45.1644, 0.2285, 0.2400
Android (android.graphics.Color)	4286363646 (0xFF7CB7FE)
YUV	173.4530, 39.7097, -43.3703
Hunter-Lab	67.2044, -3.4001, -41.1688

Details

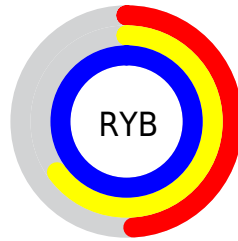
The CIELCh color **73, 40.950, 270.297** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 45.494, 73.407**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.497, 223.716**, and **53, 41.100, 270.690** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.822, 273.440**, and if you desaturate by 10%, it is **78, 33.049, 267.610**.

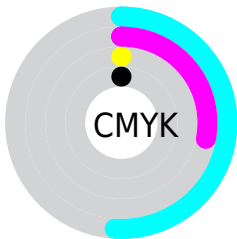
Distribution



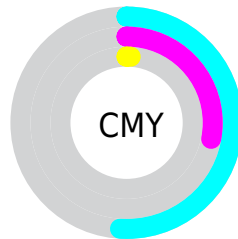
- Red (49%)
- Green (72%)
- Blue (100%)



- Red (49%)
- Yellow (65%)
- Blue (100%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (28%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.950, 270.297 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, 40.950, 270.297 by changing the saturation by 10% instead.


 73, 40.950,
270.297

 73, 40.950,
270.297


 100, 40.950,
270.297


 63, 40.950,
270.297


 93, 40.950,
270.297

 53, 40.950,
270.297

 43, 40.950,
270.297

 33, 40.950,
270.297

 23, 40.950,
270.297

 13, 40.950,
270.297

 3, 40.950, 270.297

0, 40.950, 270.297

73, 40.950,
270.297

73, 40.950,
270.297

68, 48.822,
273.440

78, 33.049,
267.610

63, 56.725,
277.048

83, 25.099,
265.334

59, 64.744,
281.072

88, 17.098,
263.417

55, 72.964,
285.376

94, 9.060, 261.810

51, 80.376,
289.145

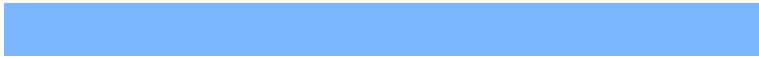
99, 1.004, 260.781

100, 0.634,
110.009

Harmonies

Complementary

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



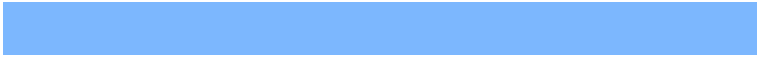
73, 40.950, 270.297



83, 45.494, 73.407

Rectangle

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



73, 40.950, 270.297



73, 40.950, 320.297



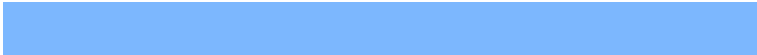
73, 40.950, 90.297



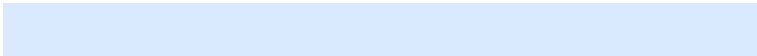
73, 40.950, 140.297

Sweetspot

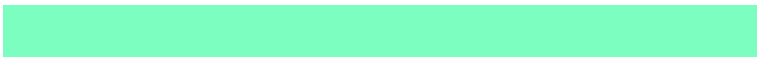
The Sweet Spot groups the original color and five complimentary colors.



73, 40.949, 270.297



92, 12.139, 262.381



91, 52.889, 159.887



48, 8.279, 262.719



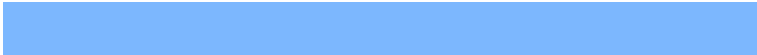
0, 0.000, 0.000



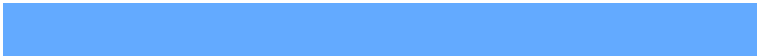
53, 0.007, 296.813

Same Dimension

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



73, 40.949, 270.297



69, 48.835, 273.366



58, 73.515, 298.646



50, 4.605, 261.563



39, 63.834, 288.372



11, 25.783, 282.194

Inverse Universe

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



69, 56.242, 352.234



64, 65.782, 354.103



97, 63.599, 106.875



50, 6.193, 346.996



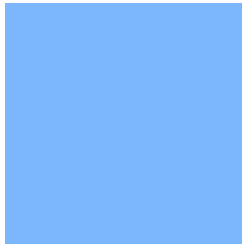
41, 67.998, 6.550



10, 31.512, 0.255

Previews

White Background



This preview shows how the CIELCh color 73, 40.950, 270.297 looks on a white background.

Color Contrast Check

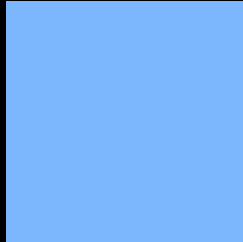
Large Text (above 18pt) WCAG AA × Fail

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, 40.950, 270.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

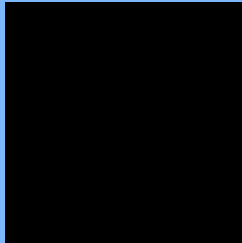
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

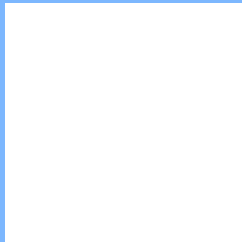
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 40.950, 270.297

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.950, 270.297.



This preview shows how white text looks on a background with the CIELCh color 73, 40.950, 270.297.

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

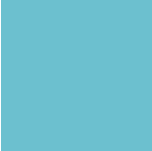
73, 40.950, 270.297

Protanopia

73, 39.342, 285.046

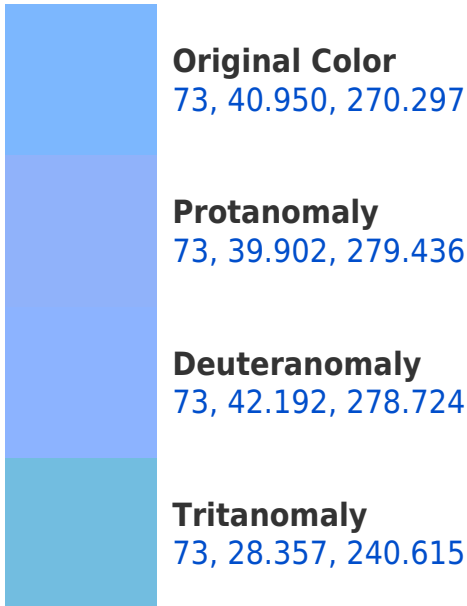
Deuteranopia

73, 42.767, 283.149

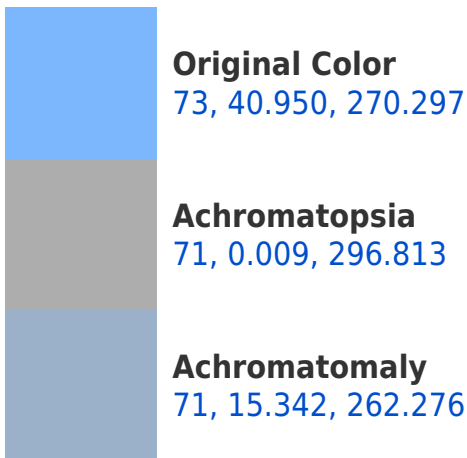


Tritanopia
73, 26.486, 215.692

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.950, 270.297 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(124, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 254)  
}
```

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(124, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.950, 270.297 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(124, 183, 254) }
```

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

```
.border{ border-color:rgb(124, 183, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.950, 270.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 254) }
```

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

```
.background{ background-color: rgb(124,  
183, 254) }
```

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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