

Converting Colors

CIELCh(73, 38.761, 279.649)

Have a look what the booklet for
CIELCh(73, 38.761, 279.649)
contains.

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Color

CIELCh(73, 38.726, 279.613)

Conversions

Conversions Part 1

Format	Color
Hex	93B3F9
RGB	147, 179, 249
RGB Percent	58%, 70%, 98%
CMY	0.4244, 0.2989, 0.0244
CMYK	0.41, 0.28, 0.00, 0.02
HSL	221°, 89%, 78%
HSV	221°, 41%, 98%
XYZ	45.1352, 45.1644, 95.7776
YIQ	177.4120, -41.5420, 14.9860

Conversions

Conversions Part 2

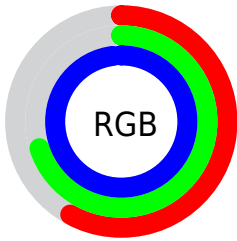
Format	Color
R _Y B	147, 171, 249
Decimal	9679865
CIE Lab	73.00, 6.47, -38.18
CIE LCh	73, 38.726, 279.613
Yxy	45.1644, 0.2426, 0.2427
Android (android.graphics.Color)	4287869945 (0xFF93B3F9)
YUV	177.4120, 35.2929, -26.6713
Hunter-Lab	67.2044, 2.2745, -37.4551

Details

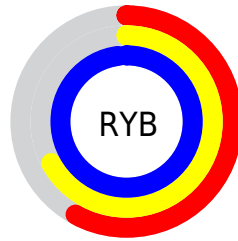
The CIELCh color **73, 38.726, 279.613** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **88, 38.590, 87.291**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.333, 245.442**, and **53, 38.377, 279.127** is the 20% darker color. If you saturate the color by 10%, you get **67, 48.679, 282.092**, and if you desaturate by 10%, it is **79, 28.994, 277.486**.

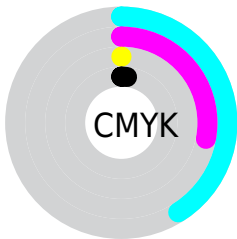
Distribution



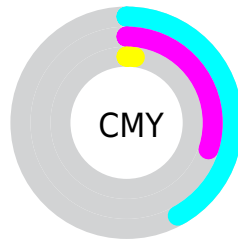
- Red (58%)
- Green (70%)
- Blue (98%)



- Red (58%)
- Yellow (67%)
- Blue (98%)



- Cyan (41%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.726, 279.613 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, 38.726, 279.613 by changing the saturation by 10% instead.

■ 73, 38.726,
279.613

■ 73, 38.726,
279.613

■ 100, 38.726,
279.613

■ 63, 38.726,
279.613

■ 93, 38.726,
279.613

■ 53, 38.726,
279.613

■ 43, 38.726,
279.613

■ 33, 38.726,
279.613

■ 23, 38.726,
279.613

■ 13, 38.726,
279.613

■ 3, 38.726, 279.613

0, 38.726, 279.613

73, 38.726,
279.613

73, 38.726,
279.613

67, 48.679,
282.092

79, 28.994,
277.486

61, 58.896,
284.946

85, 19.459,
275.671

56, 69.413,
288.156

91, 10.103,
274.131

50, 80.220,
291.641

97, 0.917, 273.065

46, 91.171,
295.228

100, 3.145,
109.919

42, 100.859,
298.297

Harmonies

Complementary

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



73, 38.726, 279.613



88, 38.590, 87.291

Rectangle

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



73, 38.726, 279.613



73, 38.726, 329.613



73, 38.726, 99.613



73, 38.726, 149.613

Sweetspot

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



73, 38.725, 279.613



93, 11.257, 274.276



91, 37.576, 170.503



48, 7.475, 274.466



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, 38.725, 279.613



70, 47.619, 281.584



66, 56.852, 301.207



49, 5.235, 273.922



31, 80.527, 297.704



7, 31.501, 292.343

Inverse Universe

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



72, 42.170, 0.055



70, 51.470, 1.571



95, 51.451, 114.460



49, 5.612, 355.859



40, 69.511, 19.944



9, 30.533, 11.089

Previews

White Background



This preview shows how the CIELCh color 73, 38.726, 279.613 looks on a white background.

Color Contrast Check

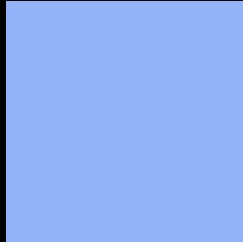
Large Text (above 18pt) WCAG AA × Fail

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, 38.726, 279.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

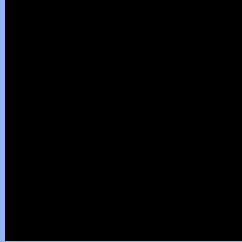
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

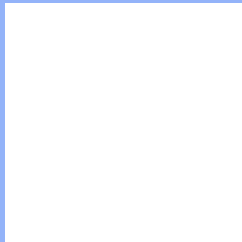
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 38.726, 279.613

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.726, 279.613.



This preview shows how white text looks on a background with the CIELCh color 73, 38.726, 279.613.

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, 38.726, 279.613

Protanopia

73, 38.745, 285.700

Deuteranopia

73, 39.376, 284.193



Tritanopia
73, 18.892, 223.936

Trichromacy



Original Color
73, 38.726, 279.613

Protanomaly
73, 38.888, 283.572

Deuteranomaly
73, 38.980, 282.311

Tritanomaly
73, 23.381, 253.531

Monochromacy



Original Color
73, 38.726, 279.613

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 14.111, 274.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.726, 279.613 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(147, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 249)  
}
```

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(147, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.726, 279.613 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(147, 179, 249) }
```

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

```
.border{ border-color:rgb(147, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(147, 179,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.726, 279.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 249) }
```

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

```
.background{ background-color: rgb(147,  
179, 249) }
```

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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