

Converting Colors

CIELCh(74, 30.137, 270.361)

Have a look what the booklet for
CIELCh(74, 30.137, 270.361)
contains.

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Color

CIELCh(74, 30.374, 270.928)

Conversions

Conversions Part 1

Format	Color
Hex	93B8ED
RGB	147, 184, 237
RGB Percent	58%, 72%, 93%
CMY	0.4228, 0.2777, 0.0698
CMYK	0.38, 0.22, 0.00, 0.07
HSL	215°, 72%, 75%
HSV	215°, 38%, 93%
XYZ	44.5598, 46.7039, 86.9360
YIQ	178.9790, -39.0650, 8.6390

Conversions

Conversions Part 2

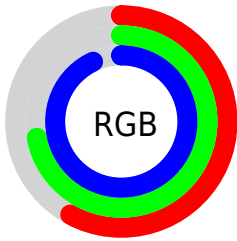
Format	Color
RYB	147, 173, 237
Decimal	9681133
CIELab	74.00, 0.49, -30.37
CIELCh	74, 30.374, 270.928
Yxy	46.7039, 0.2501, 0.2621
Android (android.graphics.Color)	4287871213 (0xFF93B8ED)
YUV	178.9790, 28.6044, -28.0456
Hunter-Lab	68.3403, -3.2085, -27.5849

Details

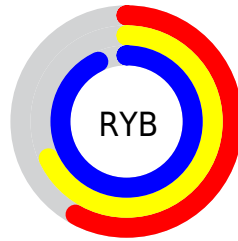
The CIELCh color **74, 30.374, 270.928** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 31.935, 79.351**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.252, 231.849**, and **54, 30.525, 270.981** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.449, 273.421**, and if you desaturate by 10%, it is **79, 22.328, 268.808**.

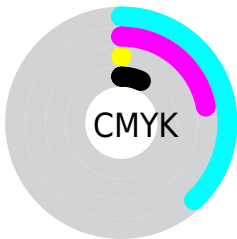
Distribution



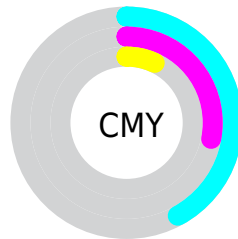
- Red (58%)
- Green (72%)
- Blue (93%)



- Red (58%)
- Yellow (68%)
- Blue (93%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (28%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 30.374, 270.928 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 74, 30.374, 270.928 by changing the saturation by 10% instead.

■ 74, 30.374,
270.928

■ 74, 30.374,
270.928

■ 100, 30.374,
270.928

■ 64, 30.374,
270.928

■ 94, 30.374,
270.928

■ 54, 30.374,
270.928

■ 44, 30.374,
270.928

■ 34, 30.374,
270.928

■ 24, 30.374,
270.928

■ 14, 30.374,
270.928

■ 4, 30.374, 270.928

■ 0, 30.374, 270.928

■ 74, 30.374,
270.928

■ 74, 30.374,
270.928

■ 69, 38.449,
273.421

■ 79, 22.328,
268.808

■ 64, 46.581,
276.330

■ 84, 14.309,
267.013

■ 59, 54.812,
279.670

■ 90, 6.323, 265.508

■ 54, 63.207,
283.406

■ 95, 1.619, 83.934

■ 50, 71.820,
287.425

■ 99, 8.534, 107.208

■ 100, 9.013,
109.494

■ 46, 80.642,
291.508

■ 45, 82.479,
292.296

Harmonies

Complementary

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



74, 30.374, 270.928



83, 31.935, 79.351

Rectangle

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



74, 30.374, 270.928



74, 30.374, 320.928



74, 30.374, 90.928



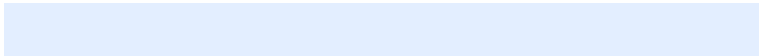
74, 30.374, 140.928

Sweetspot

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



74, 30.373, 270.927



94, 9.288, 265.943



88, 36.482, 164.526



49, 6.243, 266.143



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 30.373, 270.927



75, 39.106, 272.951



65, 50.170, 297.737



47, 4.562, 265.720



35, 66.903, 291.608



8, 24.977, 284.744

Inverse Universe

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



71, 39.005, 352.908



71, 50.037, 354.188



91, 45.570, 110.264



47, 5.729, 349.548



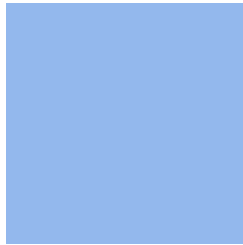
39, 66.147, 10.572



8, 28.876, 2.609

Previews

White Background



This preview shows how the CIELCh color 74, 30.374, 270.928 looks on a white background.

Color Contrast Check

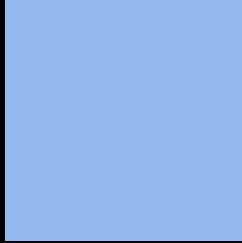
Large Text (above 18pt) WCAG AA × Fail

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 74, 30.374, 270.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

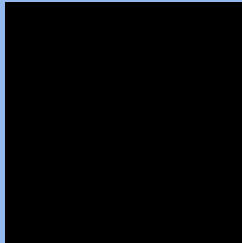
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

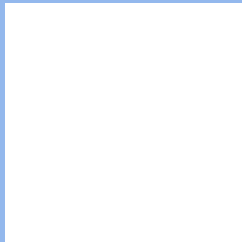
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 30.374, 270.928

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.374, 270.928.

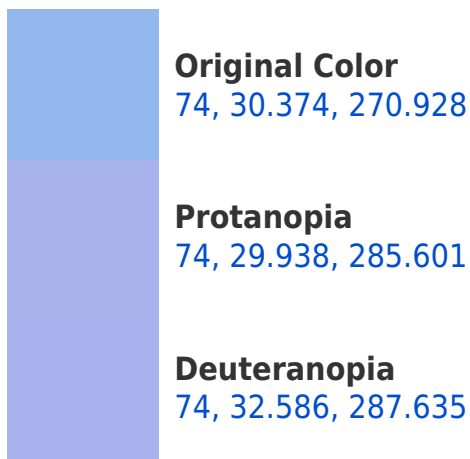


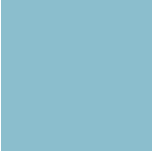
This preview shows how white text looks on a background with the CIELCh color 74, 30.374, 270.928.

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





Tritanopia
74, 18.355, 224.728

Trichromacy



Original Color
74, 30.374, 270.928

Protanomaly
74, 29.752, 280.047

Deuteranomaly
74, 31.821, 281.782

Tritanomaly
74, 21.074, 247.165

Monochromacy



Original Color
74, 30.374, 270.928

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.294, 265.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.374, 270.928 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, 184, 237)` looks like.

```
.text, #text, p{  
    color:rgb(147, 184, 237)  
}
```

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, 184, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 184, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.374, 270.928 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, 184, 237) }
```

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

```
.border{ border-color:rgb(147, 184, 237) }
```

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

Here you see how a box with a 4 pixel rgb(147, 184, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 184, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 184, 237);  
box-shadow:4px 4px 4px 4px rgb(147, 184,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.374, 270.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 184, 237) }
```

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

```
.background{ background-color: rgb(147,  
184, 237) }
```

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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