

Converting Colors

CIELCh(74, 30.958, 287.732)

Have a look what the booklet for
CIELCh(74, 30.958, 287.732)
contains.

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Color

CIELCh(74, 30.927, 287.714)

Conversions

Conversions Part 1

Format	Color
Hex	AAB3EC
RGB	170, 179, 236
RGB Percent	67%, 70%, 93%
CMY	0.3343, 0.2990, 0.0755
CMYK	0.28, 0.24, 0.00, 0.08
HSL	232°, 63%, 80%
HSV	232°, 28%, 92%
XYZ	47.7000, 46.7039, 85.6641
YIQ	182.8070, -23.6610, 15.8190

Conversions

Conversions Part 2

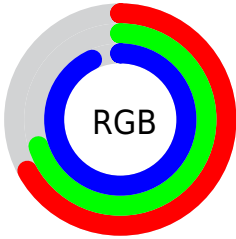
Format	Color
RYB	170, 178, 236
Decimal	11187180
CIELab	74.00, 9.41, -29.46
CIELCh	74, 30.927, 287.714
Yxy	46.7039, 0.2649, 0.2594
Android (android.graphics.Color)	4289377260 (0xFFAAB3EC)
YUV	182.8070, 26.2241, -11.2317
Hunter-Lab	68.3403, 4.9936, -26.4814

Details

The CIELCh color `74, 30.927, 287.714` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `90, 29.536, 100.873`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.704, 274.449`, and `54, 31.204, 287.942` is the 20% darker color. If you saturate the color by 10%, you get `67, 42.749, 289.505`, and if you desaturate by 10%, it is `81, 19.533, 286.185`.

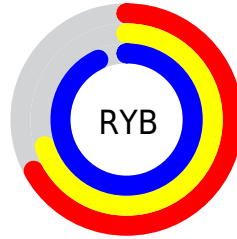
Distribution



Red (67%)

Green (70%)

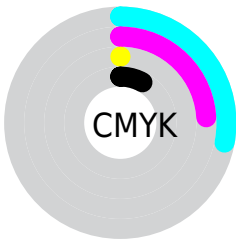
Blue (93%)



Red (67%)

Yellow (70%)

Blue (93%)

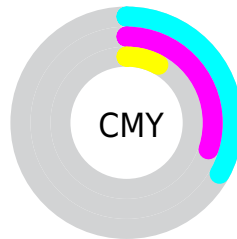


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (33%)


Magenta (30%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.927, 287.714 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, 30.927, 287.714 by changing the saturation by 10% instead.


 74, 30.927,
287.714

 74, 30.927,
287.714


 100, 30.927,
287.714


 64, 30.927,
287.714


 94, 30.927,
287.714

 54, 30.927,
287.714

 44, 30.927,
287.714

 34, 30.927,
287.714

 24, 30.927,
287.714

 14, 30.927,
287.714

 4, 30.927, 287.714

■ 0, 30.927, 287.714

■ 74, 30.927,
287.714

■ 74, 30.927,
287.714

■ 67, 42.749,
289.505

■ 81, 19.533,
286.185

■ 60, 55.035,
291.588

■ 88, 8.536, 284.889

■ 54, 67.786,
293.966

■ 95, 2.097, 103.691

■ 47, 80.906,
296.594

■ 100, 9.746,
109.439

■ 41, 94.052,
299.340

■ 36, 106.415,
301.970

■ 33, 116.633,
304.162

■ 32, 118.312,
304.505

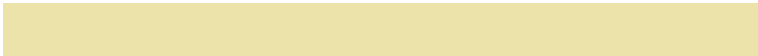
Harmonies

Complementary

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



74, 30.927, 287.714



90, 29.536, 100.873

Rectangle

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



74, 30.927, 287.714



74, 30.927, 337.714



74, 30.927, 107.714



74, 30.927, 157.714

Sweetspot

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



74, 30.926, 287.713



94, 9.107, 284.894



89, 22.731, 184.715



49, 6.487, 285.076



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, 30.926, 287.713



75, 40.483, 288.783



74, 36.786, 305.390



45, 6.058, 285.066



24, 95.994, 304.179



4, 32.363, 295.067

Inverse Universe

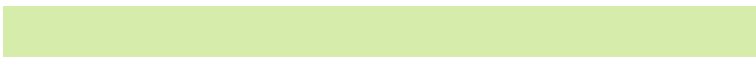
The Inverse Universe completely reimagines the original color for something new.



76, 25.978, 11.172



78, 34.163, 12.087



90, 34.913, 122.149



46, 4.975, 8.984



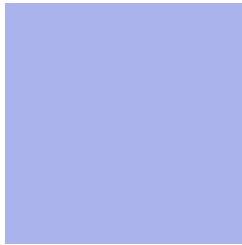
38, 74.885, 33.720



7, 28.048, 17.113

Previews

White Background



This preview shows how the CIELCh color 74, 30.927, 287.714 looks on a white background.

Color Contrast Check

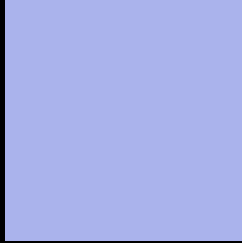
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 30.927, 287.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

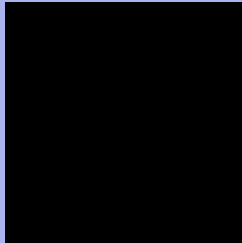
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.927, 287.714

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.927, 287.714.



This preview shows how white text looks on a background with the CIELCh color 74, 30.927, 287.714.

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

74, 30.927, 287.714

Protanopia

74, 30.473, 285.197

Deuteranopia

74, 30.927, 287.714



Tritanopia
74, 11.217, 245.585

Trichromacy



Original Color
74, 30.927, 287.714

Protanomaly
74, 30.441, 285.778

Deuteranomaly
74, 30.927, 287.714

Tritanomaly
74, 17.165, 270.991

Monochromacy



Original Color
74, 30.927, 287.714

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.405, 285.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.927, 287.714 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(170, 179, 236)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 236)  
}
```

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(170, 179, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.927, 287.714 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(170, 179, 236) }
```

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

```
.border{ border-color:rgb(170, 179, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 179, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 236);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.927, 287.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 179, 236) }
```

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

```
.background{ background-color: rgb(170,  
179, 236) }
```

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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