

Converting Colors

CIELCh(74, 13.084, 252.039)

Have a look what the booklet for
CIELCh(74, 13.084, 252.039)
contains.

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Color

CIELCh(74, 12.973, 251.749)

Conversions

Conversions Part 1

Format	Color
Hex	A1B9CC
RGB	161, 185, 204
RGB Percent	63%, 73%, 80%
CMY	0.3681, 0.2740, 0.1995
CMYK	0.21, 0.09, 0.00, 0.20
HSL	207°, 30%, 72%
HSV	207°, 21%, 80%
XYZ	43.0105, 46.7039, 63.9526
YIQ	179.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

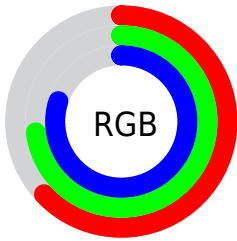
Format	Color
R_{YB}	161, 176, 204
Decimal	10598860
CIE Lab	74.00, -4.06, -12.32
CIE LCh	74, 12.973, 251.749
Yxy	46.7039, 0.2799, 0.3039
Android (android.graphics.Color)	4288788940 (0xFFA1B9CC)
YUV	179.9900, 11.8369, -16.6542
Hunter-Lab	68.3403, -7.2551, -7.6452

Details

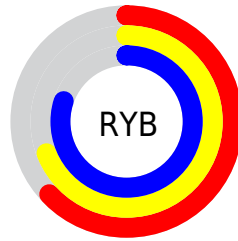
The CIELCh color **74, 12.973, 251.749** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 14.002, 66.479**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.911, 240.548**, and **54, 12.975, 252.363** is the 20% darker color. If you saturate the color by 10%, you get **70, 18.885, 253.521**, and if you desaturate by 10%, it is **78, 6.890, 250.285**.

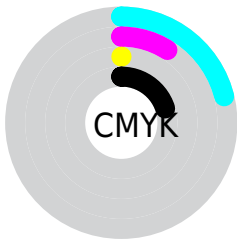
Distribution



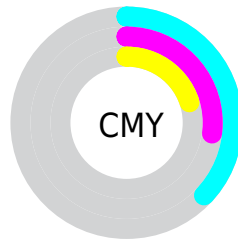
- Red (63%)
- Green (73%)
- Blue (80%)



- Red (63%)
- Yellow (69%)
- Blue (80%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (37%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.973, 251.749 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, 12.973, 251.749 by changing the saturation by 10% instead.

 74, 12.973,
251.749

 74, 12.973,
251.749


 100, 12.973,
251.749


 64, 12.973,
251.749


 94, 12.973,
251.749

 54, 12.973,
251.749

 44, 12.973,
251.749

 34, 12.973,
251.749

 24, 12.973,
251.749

 14, 12.973,
251.749

 4, 12.973, 251.749

0, 12.973, 251.749

74, 12.973,
251.749

74, 12.973,
251.749

70, 18.885,
253.521

78, 6.890, 250.285

67, 24.594,
255.672

82, 0.676, 249.605

86, 5.634, 67.869

63, 30.071,
258.263

89, 12.009, 67.028

59, 35.313,
261.358

93, 16.404, 74.272

95, 18.913, 90.430

56, 40.346,
265.001

97, 22.533,
101.981

53, 45.243,
269.187

99, 25.673,

■ 50, 50.118,
273.827

108.230

■ 47, 54.591,
278.094

Harmonies

Complementary

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



74, 12.973, 251.749



75, 14.002, 66.479

Rectangle

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



74, 12.973, 251.749



74, 12.973, 301.749



74, 12.973, 71.749



74, 12.973, 121.749

Sweetspot

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



74, 12.972, 251.743



97, 4.498, 249.688



79, 20.474, 158.470



52, 2.982, 249.760



0, 0.000, 0.000



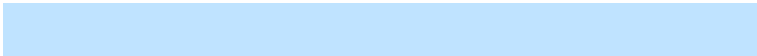
53, 0.007, 296.813

Same Dimension

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



74, 12.972, 251.743



89, 18.345, 252.458



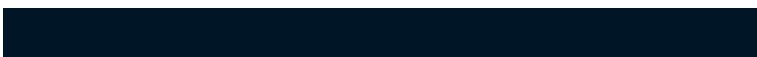
68, 22.108, 289.867



41, 3.536, 250.073



39, 46.142, 277.311



6, 14.074, 265.311

Inverse Universe

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



71, 20.744, 342.374



84, 29.556, 342.776



80, 21.203, 105.211



40, 5.526, 341.341



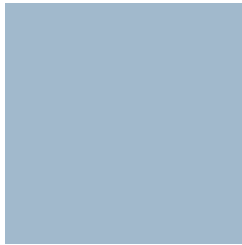
36, 62.355, 356.273



4, 20.567, 349.841

Previews

White Background



This preview shows how the CIELCh color 74, 12.973, 251.749 looks on a white background.

Color Contrast Check

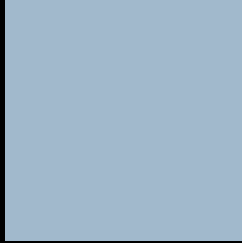
Large Text (above 18pt) WCAG AA × Fail

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, 12.973, 251.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

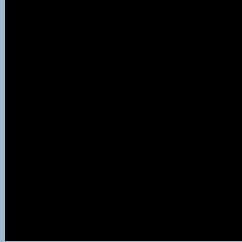
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

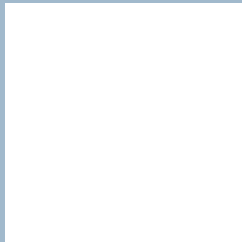
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.973, 251.749

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.973, 251.749.

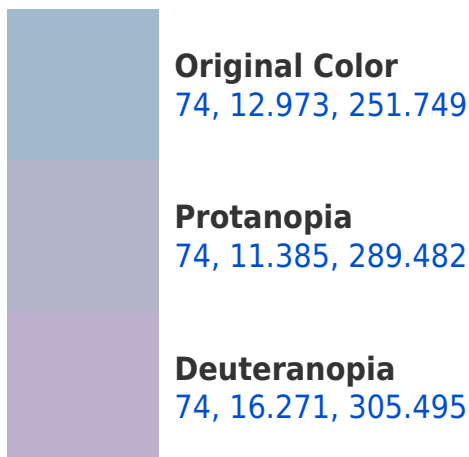


This preview shows how white text looks on a background with the CIELCh color 74, 12.973, 251.749.

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, 11.913, 242.065

Trichromacy



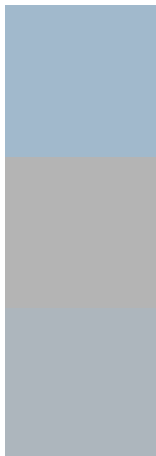
Original Color
74, 12.973, 251.749

Protanomaly
74, 11.305, 273.162

Deuteranomaly
74, 13.557, 288.504

Tritanomaly
74, 12.258, 244.079

Monochromacy



Original Color
74, 12.973, 251.749

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 4.952, 249.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.973, 251.749 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(161, 185, 204)` looks like.

```
.text, #text, p{  
    color:rgb(161, 185, 204)  
}
```

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(161, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 185, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.973, 251.749 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(161, 185, 204) }
```

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

```
.border{ border-color:rgb(161, 185, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 185, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(161, 185,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.973, 251.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 185, 204) }
```

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

```
.background{ background-color: rgb(161,  
185, 204) }
```

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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