

Converting Colors

CIELCh(74, 17.506, 252.780)

Have a look what the booklet for
CIELCh(74, 17.506, 252.780)
contains.

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Color

CIELCh(74, 17.506, 252.780)

Conversions

Conversions Part 1

Format	Color
Hex	99BAD4
RGB	153, 186, 212
RGB Percent	60%, 73%, 83%
CMY	0.3996, 0.2702, 0.1682
CMYK	0.28, 0.12, 0.00, 0.17
HSL	206°, 41%, 72%
HSV	206°, 28%, 83%
XYZ	42.6353, 46.7039, 69.1274
YIQ	179.0970, -28.0140, 1.0900

Conversions

Conversions Part 2

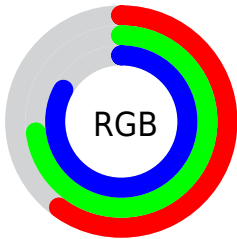
Format	Color
RYB	153, 174, 212
Decimal	10074836
CIELab	74.00, -5.18, -16.72
CIELCh	74, 17.506, 252.780
Yxy	46.7039, 0.2690, 0.2947
Android (android.graphics.Color)	4288264916 (0xFF99BAD4)
YUV	179.0970, 16.2212, -22.8871
Hunter-Lab	68.3403, -8.2352, -12.1347

Details

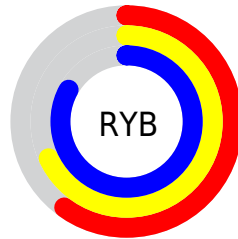
The CIELCh color **74, 17.506, 252.780** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75, 19.446, 65.597**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.960, 230.084**, and **54, 17.400, 251.839** is the 20% darker color. If you saturate the color by 10%, you get **70, 23.456, 254.805**, and if you desaturate by 10%, it is **78, 11.352, 251.103**.

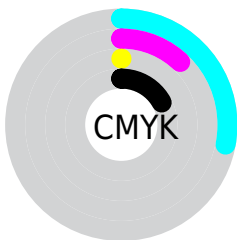
Distribution



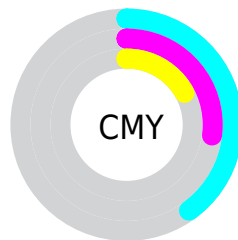
- Red (60%)
- Green (73%)
- Blue (83%)



- Red (60%)
- Yellow (68%)
- Blue (83%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)





- Cyan (40%)
- Magenta (27%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.506, 252.780 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, 17.506, 252.780 by changing the saturation by 10% instead.

 74, 17.506,
252.780

 74, 17.506,
252.780


 100, 17.506,
252.780


 64, 17.506,
252.780


 94, 17.506,
252.780

 54, 17.506,
252.780

 44, 17.506,
252.780

 34, 17.506,
252.780

 24, 17.506,
252.780

 14, 17.506,
252.780

 4, 17.506, 252.780

■ 0, 17.506, 252.780

■ 74, 17.506,
252.780

■ 74, 17.506,
252.780

■ 70, 23.456,
254.805

■ 78, 11.352,
251.103

■ 66, 29.173,
257.254

■ 82, 5.034, 249.748

■ 63, 34.642,
260.191

■ 86, 1.408, 68.183

■ 90, 7.940, 67.451

■ 59, 39.880,
263.670

■ 94, 13.497, 71.527

■ 56, 44.945,
267.704

■ 96, 16.070, 91.689

■ 98, 20.011,
104.962

■ 53, 49.945,
272.234

■ 50, 55.026,
277.069

■ 99, 21.669,
108.536

■ 49, 56.173,
278.083

Harmonies

Complementary

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



74, 17.506, 252.780



75, 19.446, 65.597

Rectangle

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



74, 17.506, 252.780



74, 17.506, 302.780



74, 17.506, 72.780



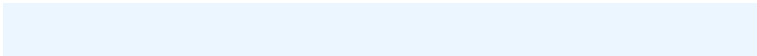
74, 17.506, 122.780

Sweetspot

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



74, 17.505, 252.776



96, 5.981, 249.779



80, 27.822, 157.790



51, 4.244, 249.964



0, 0.000, 0.000



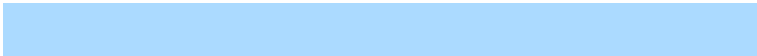
53, 0.007, 296.813

Same Dimension

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



74, 17.505, 252.776



85, 23.927, 253.850



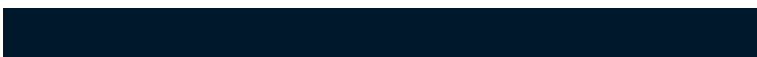
66, 30.520, 290.874



43, 3.678, 249.942



40, 47.173, 277.295



8, 15.748, 266.328

Inverse Universe

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



70, 28.368, 342.965



79, 39.093, 343.529



83, 28.820, 104.505



42, 5.758, 341.288



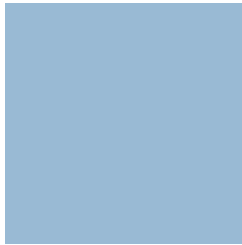
37, 63.769, 356.261



5, 24.214, 350.181

Previews

White Background



This preview shows how the CIELCh color 74, 17.506, 252.780 looks on a white background.

Color Contrast Check

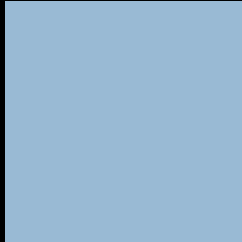
Large Text (above 18pt) WCAG AA × Fail

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, 17.506, 252.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

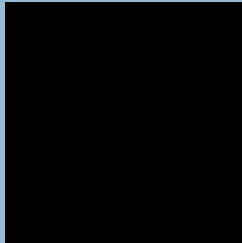
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

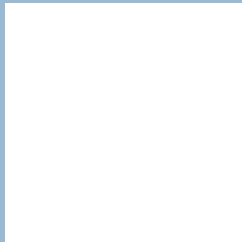
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 17.506, 252.780

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.506, 252.780.



This preview shows how white text looks on a background with the CIELCh color 74, 17.506, 252.780.

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

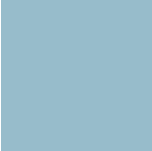
74, 17.506, 252.780

Protanopia

74, 15.192, 287.685

Deuteranopia

74, 20.232, 297.937



Tritanopia
74, 14.678, 232.388

Trichromacy



Original Color
74, 17.506, 252.780

Protanomaly
74, 15.265, 273.270

Deuteranomaly
74, 18.030, 283.182

Tritanomaly
74, 15.351, 241.054

Monochromacy



Original Color
74, 17.506, 252.780

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.435, 248.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.506, 252.780 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(153, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(153, 186, 212)  
}
```

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(153, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 186, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.506, 252.780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

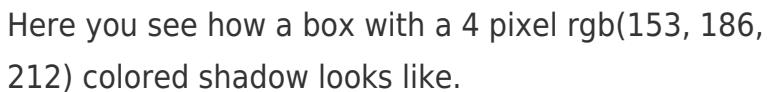
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 186, 212) }
```

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

```
.border{ border-color:rgb(153, 186, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(153, 186,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.506, 252.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 186, 212) }
```

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

```
.background{ background-color: rgb(153,  
186, 212) }
```

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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