

Converting Colors

CIELCh(74, 22.042, 223.272)

Have a look what the booklet for
CIELCh(74, 22.042, 223.272)
contains.

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Color

CIELCh(74, 21.982, 222.987)

Conversions

Conversions Part 1

Format	Color
Hex	80C0D1
RGB	128, 192, 209
RGB Percent	50%, 75%, 82%
CMY	0.4993, 0.2483, 0.1817
CMYK	0.39, 0.08, 0.00, 0.18
HSL	193°, 47%, 66%
HSV	193°, 39%, 82%
XYZ	39.0963, 46.7039, 67.0573
YIQ	174.8020, -43.6010, -8.2810

Conversions

Conversions Part 2

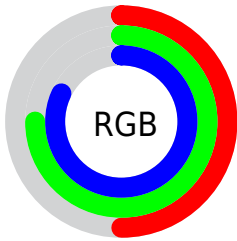
Format	Color
RYB	128, 164, 209
Decimal	8437969
CIELab	74.00, -16.08, -14.99
CIElCh	74, 21.982, 222.987
Yxy	46.7039, 0.2558, 0.3055
Android (android.graphics.Color)	4286628049 (0xFF80C0D1)
YUV	174.8020, 16.8596, -41.0454
Hunter-Lab	68.3403, -17.4788, -10.3387

Details

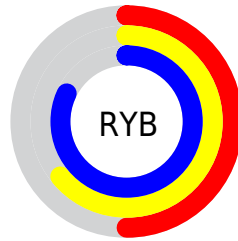
The CIELCh color **74, 21.982, 222.987** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 29.000, 40.336**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.769, 208.240**, and **54, 21.914, 224.544** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.391, 224.200**, and if you desaturate by 10%, it is **76, 16.969, 222.080**.

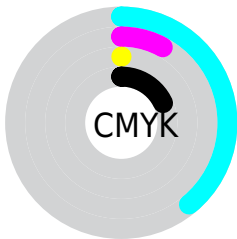
Distribution



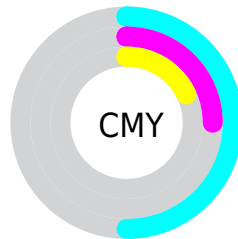
- Red (50%)
- Green (75%)
- Blue (82%)



- Red (50%)
- Yellow (64%)
- Blue (82%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (50%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 21.982, 222.987 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, 21.982, 222.987 by changing the saturation by 10% instead.


 74, 21.982,
222.987


 74, 21.982,
222.987


 100, 21.982,
222.987


 64, 21.982,
222.987


 94, 21.982,
222.987

 54, 21.982,
222.987

 44, 21.982,
222.987

 34, 21.982,
222.987

 24, 21.982,
222.987

 14, 21.982,
222.987

 4, 21.982, 222.987

0, 21.982, 222.987

74, 21.982,
222.987

74, 21.982,
222.987

72, 26.391,
224.200

76, 16.969,
222.080

70, 30.116,
225.801

79, 11.448,
221.431

68, 33.100,
227.870

81, 5.511, 221.011

84, 0.756, 39.849

66, 35.334,
230.496

87, 7.275, 40.306

65, 36.874,
233.751

90, 13.982, 40.228

63, 37.900,
237.607

91, 14.194, 49.750

■ 63, 38.018,
238.073

■ 92, 14.153, 60.750

■ 93, 14.633, 71.387

Harmonies

Complementary

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



74, 21.982, 222.987



66, 29.000, 40.336

Rectangle

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



74, 21.982, 222.987



74, 21.982, 272.987



74, 21.982, 42.987



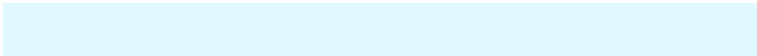
74, 21.982, 92.987

Sweetspot

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



74, 21.982, 222.984



96, 8.754, 221.122



77, 45.543, 147.360



51, 5.786, 221.175



0, 0.000, 0.000



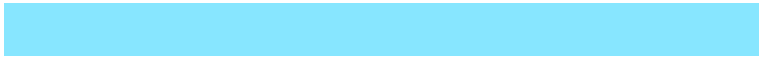
53, 0.007, 296.813

Same Dimension

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



74, 21.982, 222.984



86, 30.091, 224.026



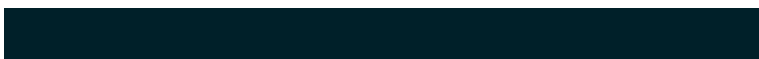
63, 32.274, 280.024



43, 3.548, 221.028



51, 32.334, 237.390



11, 12.198, 228.569

Inverse Universe

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



64, 45.379, 333.438



72, 63.841, 334.071



76, 31.985, 88.735



41, 6.649, 331.433



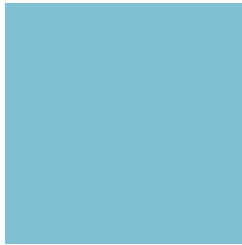
38, 72.048, 338.671



5, 26.455, 336.128

Previews

White Background



This preview shows how the CIE LCh color 74, 21.982, 222.987 looks on a white background.

Color Contrast Check

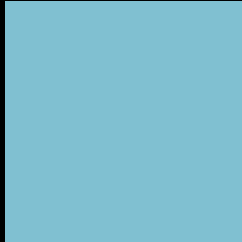
Large Text (above 18pt) WCAG AA × Fail

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, 21.982, 222.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

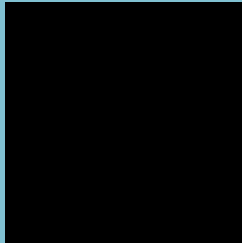
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.982, 222.987

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.982, 222.987.

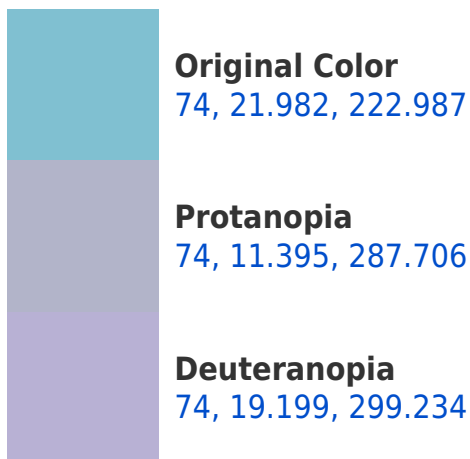


This preview shows how white text looks on a background with the CIELCh color 74, 21.982, 222.987.

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, 21.956, 219.873

Trichromacy



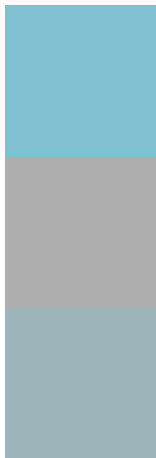
Original Color
74, 21.982, 222.987

Protanomaly
74, 13.392, 253.348

Deuteranomaly
74, 16.682, 270.253

Tritanomaly
74, 22.085, 221.284

Monochromacy



Original Color
74, 21.982, 222.987

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.920, 224.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.982, 222.987 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(128, 192, 209)` looks like.

```
.text, #text, p{  
    color:rgb(128, 192, 209)  
}
```

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(128, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 192, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.982, 222.987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

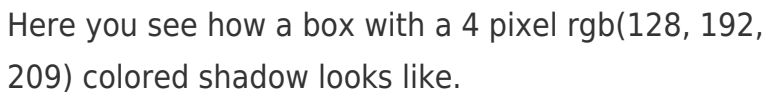
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 192, 209) }
```

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

```
.border{ border-color:rgb(128, 192, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 192, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(128, 192,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.982, 222.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 192, 209) }
```

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

```
.background{ background-color: rgb(128,  
192, 209) }
```

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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