

Converting Colors

CIELCh(74, 22.139, 214.067)

Have a look what the booklet for
CIELCh(74, 22.139, 214.067)
contains.

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Color

CIELCh(74, 22.347, 213.448)

Conversions

Conversions Part 1

Format	Color
Hex	7DC1CC
RGB	125, 193, 204
RGB Percent	49%, 76%, 80%
CMY	0.5109, 0.2442, 0.2011
CMYK	0.39, 0.05, 0.00, 0.20
HSL	188°, 44%, 64%
HSV	188°, 39%, 80%
XYZ	38.2925, 46.7039, 63.9490
YIQ	173.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

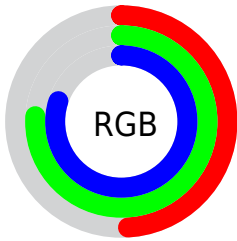
Format	Color
RYB	125, 162, 204
Decimal	8241612
CIELab	74.00, -18.65, -12.32
CIELCh	74, 22.347, 213.448
Yxy	46.7039, 0.2571, 0.3136
Android (android.graphics.Color)	4286431692 (0xFF7DC1CC)
YUV	173.9220, 14.8285, -42.9046
Hunter-Lab	68.3403, -19.5783, -7.6421

Details

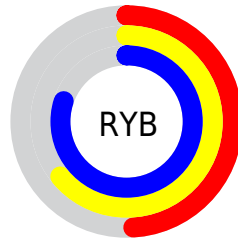
The CIELCh color **74, 22.347, 213.448** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 29.742, 33.866**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.151, 204.789**, and **54, 22.386, 214.089** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.741, 214.063**, and if you desaturate by 10%, it is **76, 17.293, 213.045**.

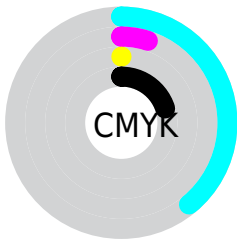
Distribution



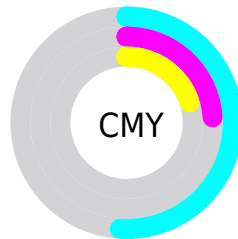
- Red (49%)
- Green (76%)
- Blue (80%)



- Red (49%)
- Yellow (64%)
- Blue (80%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.347, 213.448 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, 22.347, 213.448 by changing the saturation by 10% instead.

 74, 22.347,
213.448

 74, 22.347,
213.448

 100, 22.347,
213.448

 64, 22.347,
213.448

 94, 22.347,
213.448

 54, 22.347,
213.448

 44, 22.347,
213.448

 34, 22.347,
213.448

 24, 22.347,
213.448

 14, 22.347,
213.448

 4, 22.347, 213.448

■ 0, 22.347, 213.448

■ 74, 22.347,
213.448

■ 74, 22.347,
213.448

■ 72, 26.741,
214.063

■ 76, 17.293,
213.045

■ 71, 30.382,
214.947

■ 78, 11.682,
212.825

■ 69, 33.202,
216.153

■ 80, 5.619, 212.777

■ 82, 0.802, 31.985

■ 68, 35.175,
217.739

■ 85, 7.494, 32.700

■ 67, 36.336,
219.763

■ 87, 14.387, 32.889

■ 66, 36.839,
222.226

■ 88, 16.745, 36.319

■ 66, 36.888,
222.538

■ 89, 16.218, 42.175

■ 90, 15.874, 48.351

Harmonies

Complementary

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



74, 22.347, 213.448



63, 29.742, 33.866

Rectangle

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



74, 22.347, 213.448



74, 22.347, 263.448



74, 22.347, 33.448



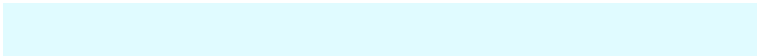
74, 22.347, 83.448

Sweetspot

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



74, 22.347, 213.445



97, 9.136, 212.770



76, 46.839, 145.253



51, 6.038, 212.775



0, 0.000, 0.000



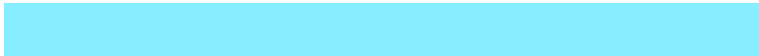
53, 0.007, 296.813

Same Dimension

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



74, 22.347, 213.445



89, 31.111, 213.979



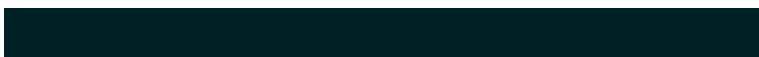
63, 29.020, 274.906



42, 3.630, 212.774



54, 31.665, 222.102



11, 11.954, 216.138

Inverse Universe

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



63, 46.655, 330.843



73, 66.953, 331.393



73, 29.750, 83.266



40, 6.849, 329.022



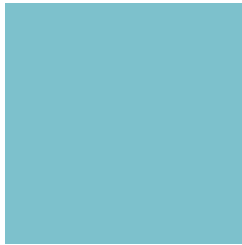
38, 75.135, 334.618



5, 25.931, 332.617

Previews

White Background



This preview shows how the CIELCh color 74, 22.347, 213.448 looks on a white background.

Color Contrast Check

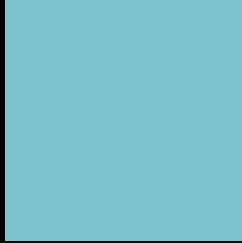
Large Text (above 18pt) WCAG AA × Fail

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, 22.347, 213.448 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

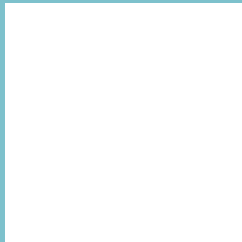
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 22.347, 213.448

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.347, 213.448.

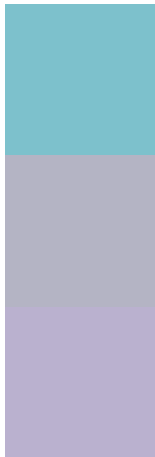


This preview shows how white text looks on a background with the CIELCh color 74, 22.347, 213.448.

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, 22.347, 213.448

Protanopia
74, 8.677, 291.011

Deuteranopia
74, 16.643, 302.688



Tritanopia
74, 22.333, 220.996

Trichromacy



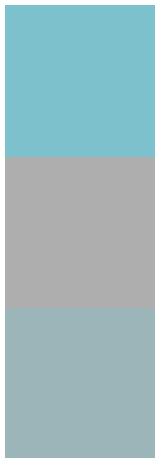
Original Color
74, 22.347, 213.448

Protanomaly
74, 11.345, 241.059

Deuteranomaly
74, 13.888, 263.389

Tritanomaly
74, 22.093, 218.185

Monochromacy



Original Color
74, 22.347, 213.448

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.115, 212.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.347, 213.448 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(125, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(125, 193, 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(125, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 193, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.347, 213.448 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(125, 193, 204) }
```

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

```
.border{ border-color:rgb(125, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(125, 193,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.347, 213.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 193, 204) }
```

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

```
.background{ background-color: rgb(125,  
193, 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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