

Converting Colors

CIELCh(74, 22.675, 220.418)

Have a look what the booklet for
CIELCh(74, 22.675, 220.418)
contains.

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Color

CIELCh(74, 22.579, 220.715)

Conversions

Conversions Part 1

Format	Color
Hex	7DC0D0
RGB	125, 192, 208
RGB Percent	49%, 75%, 82%
CMY	0.5092, 0.2464, 0.1837
CMYK	0.40, 0.08, 0.00, 0.18
HSL	192°, 47%, 65%
HSV	192°, 40%, 82%
XYZ	38.7710, 46.7039, 66.7506
YIQ	173.7910, -45.0680, -9.2280

Conversions

Conversions Part 2

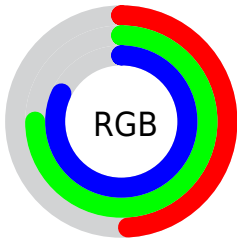
Format	Color
RYB	125, 162, 208
Decimal	8241360
CIELab	74.00, -17.11, -14.73
CIElCh	74, 22.579, 220.715
Yxy	46.7039, 0.2547, 0.3068
Android (android.graphics.Color)	4286431440 (0xFF7DC0D0)
YUV	173.7910, 16.8650, -42.7897
Hunter-Lab	68.3403, -18.3283, -10.0726

Details

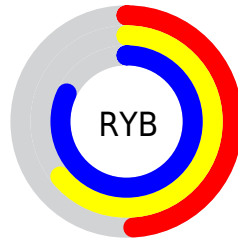
The CIELCh color **74, 22.579, 220.715** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 30.166, 38.754**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.879, 206.271**, and **54, 22.610, 221.941** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.906, 221.818**, and if you desaturate by 10%, it is **76, 17.620, 219.903**.

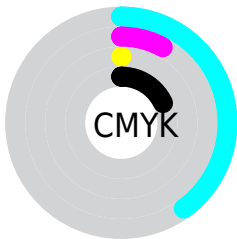
Distribution



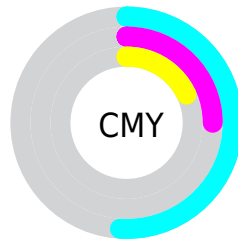
- Red (49%)
- Green (75%)
- Blue (82%)



- Red (49%)
- Yellow (64%)
- Blue (82%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (51%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 22.579, 220.715 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, 22.579, 220.715 by changing the saturation by 10% instead.


 74, 22.579,
220.715

 74, 22.579,
220.715


 100, 22.579,
220.715


 64, 22.579,
220.715


 94, 22.579,
220.715

 54, 22.579,
220.715

 44, 22.579,
220.715

 34, 22.579,
220.715

 24, 22.579,
220.715

 14, 22.579,
220.715

 4, 22.579, 220.715

0, 22.579, 220.715

74, 22.579,
220.715

74, 22.579,
220.715

72, 26.906,
221.818

76, 17.620,
219.903

70, 30.519,
223.290

79, 12.127,
219.335

68, 33.361,
225.207

81, 6.197, 218.981

67, 35.424,
227.651

84, 0.081, 31.671

65, 36.765,
230.692

86, 6.625, 38.409

64, 37.594,
234.278

89, 13.369, 38.396

90, 14.518, 45.565

■ 64, 37.605,
234.324

■ 91, 14.269, 55.451

■ 92, 14.459, 65.357

Harmonies

Complementary

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



74, 22.579, 220.715



65, 30.166, 38.754

Rectangle

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



74, 22.579, 220.715



74, 22.579, 270.715



74, 22.579, 40.715



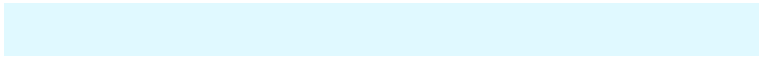
74, 22.579, 90.715

Sweetspot

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



74, 22.579, 220.712



96, 8.829, 219.041



77, 47.230, 146.699



51, 5.835, 219.082



0, 0.000, 0.000



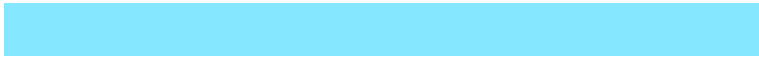
53, 0.007, 296.813

Same Dimension

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



74, 22.579, 220.712



87, 30.741, 221.654



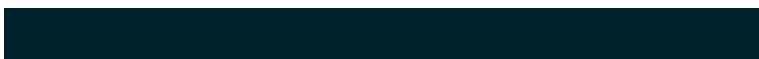
63, 32.420, 279.057



43, 3.579, 218.971



52, 32.066, 233.699



11, 12.202, 225.600

Inverse Universe

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



63, 47.014, 332.859



72, 65.818, 333.469



75, 32.373, 87.277



41, 6.730, 330.829



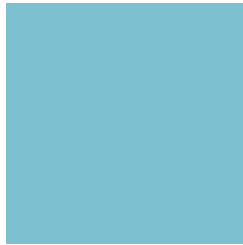
38, 72.959, 337.640



5, 26.808, 335.313

Previews

White Background



This preview shows how the CIE LCh color 74, 22.579, 220.715 looks on a white background.

Color Contrast Check

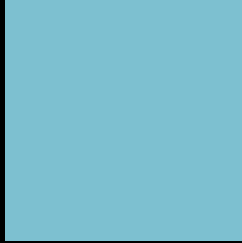
Large Text (above 18pt) WCAG AA × Fail

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, 22.579, 220.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

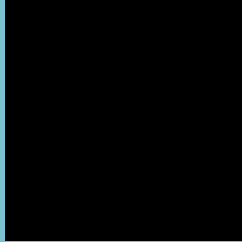
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.579, 220.715

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.579, 220.715.



This preview shows how white text looks on a background with the CIELCh color 74, 22.579, 220.715.

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, 22.579, 220.715

Protanopia

74, 10.844, 289.338

Deuteranopia

74, 18.662, 299.413



Tritanopia
74, 22.579, 220.715

Trichromacy



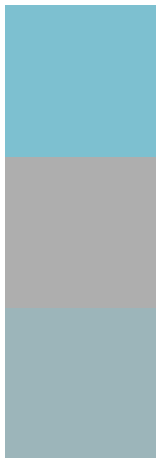
Original Color
74, 22.579, 220.715

Protanomaly
74, 13.185, 250.622

Deuteranomaly
74, 15.927, 266.379

Tritanomaly
74, 22.579, 220.715

Monochromacy



Original Color
74, 22.579, 220.715

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.224, 216.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.579, 220.715 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, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(125, 192, 208)  
}
```

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, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 192, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.579, 220.715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

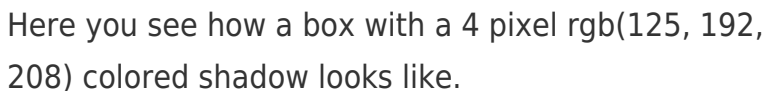
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 192, 208) }
```

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

```
.border{ border-color:rgb(125, 192, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 192, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 192, 208); box-shadow:4px 4px 4px 4px rgb(125, 192, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.579, 220.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 192, 208) }
```

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

```
.background{ background-color: rgb(125,  
192, 208) }
```

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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