

Converting Colors

CIELCh(74, 39.333, 215.490)

Have a look what the booklet for
CIELCh(74, 39.333, 215.490)
contains.

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Color

CIELCh(74, 39.362, 215.538)

Conversions

Conversions Part 1

Format	Color
Hex	19C8DF
RGB	25, 200, 223
RGB Percent	10%, 78%, 87%
CMY	0.9013, 0.2167, 0.1266
CMYK	0.89, 0.10, 0.00, 0.13
HSL	187°, 80%, 49%
HSV	187°, 89%, 87%
XYZ	34.2780, 46.7039, 76.8255
YIQ	150.2970, -111.6830, -29.9470

Conversions

Conversions Part 2

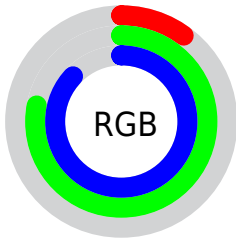
Format	Color
R_{YB}	25, 118, 223
Decimal	1689823
CIE _{Lab}	74.00, -32.03, -22.88
CIE _{LCh}	74, 39.362, 215.538
Yxy	46.7039, 0.2172, 0.2960
Android (android.graphics.Color)	4279879903 (0xFF19C8DF)
YUV	150.2970, 35.8426, -109.8855
Hunter-Lab	68.3403, -30.0637, -18.8133

Details

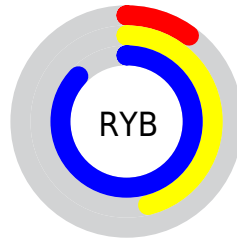
The CIELCh color **74, 39.362, 215.538** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **49, 84.520, 39.894**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.632, 196.994**, and **55, 32.077, 220.394** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.786, 217.560**, and if you desaturate by 10%, it is **75, 38.184, 213.893**.

Distribution



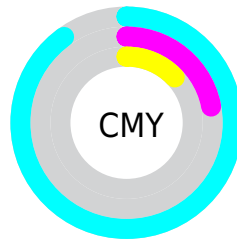
- Red (10%)
- Green (78%)
- Blue (87%)



- Red (10%)
- Yellow (46%)
- Blue (87%)



- Cyan (89%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)





- Cyan (90%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.362, 215.538 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, 39.362, 215.538 by changing the saturation by 10% instead.

 74, 39.362,
215.538

 74, 39.362,
215.538


 100, 39.362,
215.538


 64, 39.362,
215.538


 94, 39.362,
215.538

 54, 39.362,
215.538

 44, 39.362,
215.538

 34, 39.362,
215.538

 24, 39.362,
215.538

 14, 39.362,
215.538

 4, 39.362, 215.538

0, 39.362, 215.538

74, 39.362,
215.538

74, 39.362,
215.538

73, 39.786,
217.560

75, 38.184,
213.893

73, 39.823,
217.836

76, 36.101,
212.621

78, 33.077,
211.673

79, 29.139,
211.002

81, 24.364,
210.561

83, 18.854,
210.311

■ 85, 12.725,
210.221

■ 87, 6.092, 210.287

■ 89, 0.936, 29.653

Harmonies

Complementary

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



74, 39.362, 215.538



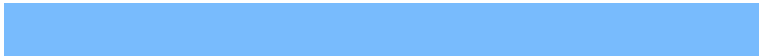
49, 84.520, 39.894

Rectangle

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



74, 39.362, 215.538



74, 39.362, 265.538



74, 39.362, 35.538



74, 39.362, 85.538

Sweetspot

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



74, 39.361, 215.537



94, 19.912, 210.288



78, 101.385, 137.913



49, 13.239, 210.346



0, 0.000, 0.000



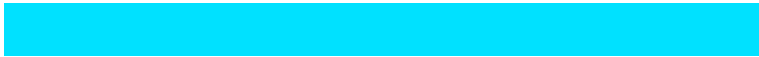
53, 0.007, 296.813

Same Dimension

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



74, 39.361, 215.537



83, 44.088, 218.021



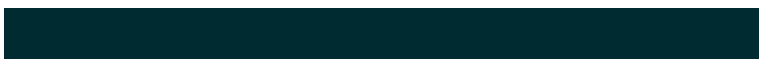
46, 70.198, 288.454



46, 3.995, 210.274



59, 33.428, 217.457



15, 13.911, 213.616

Inverse Universe

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



52, 93.483, 332.917



59, 105.299, 333.602



66, 70.514, 71.969



44, 7.527, 328.302



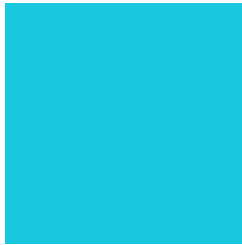
41, 79.885, 333.463



7, 33.214, 332.505

Previews

White Background



This preview shows how the CIE LCh color 74, 39.362, 215.538 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, 39.362, 215.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

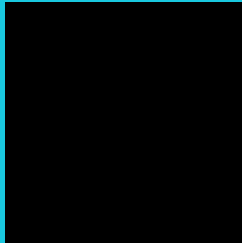
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 39.362, 215.538

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.362, 215.538.

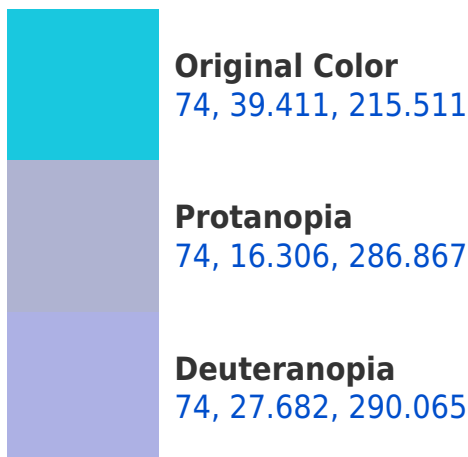


This preview shows how white text looks on a background with the CIELCh color 74, 39.362, 215.538.

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



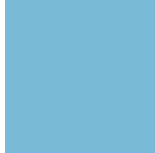


Tritanopia
74, 40.307, 209.243

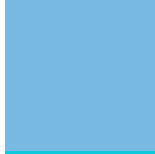
Trichromacy



Original Color
74, 39.411, 215.511



Protanomaly
73, 24.495, 235.298



Deuteranomaly
72, 28.850, 249.562

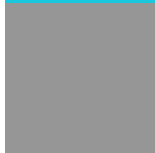


Tritanomaly
74, 40.046, 210.986

Monochromacy



Original Color
74, 39.411, 215.511



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 20.934, 210.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.362, 215.538 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(25, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(25, 200, 223)  
}
```

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(25, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 200, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.362, 215.538 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(25, 200, 223) }
```

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

```
.border{ border-color:rgb(25, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(25, 200,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.362, 215.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 200, 223) }
```

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

```
.background{ background-color: rgb(25, 200,  
223) }
```

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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