

Converting Colors

CIELCh(73, 19.330, 239.026)

Have a look what the booklet for
CIELCh(73, 19.330, 239.026)
contains.

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Color

CIELCh(73, 19.330, 239.026)

Conversions

Conversions Part 1

Format	Color
Hex	8BBAD1
RGB	139, 186, 209
RGB Percent	55%, 73%, 82%
CMY	0.4552, 0.2709, 0.1807
CMYK	0.34, 0.11, 0.00, 0.18
HSL	200°, 43%, 68%
HSV	200°, 34%, 82%
XYZ	39.6736, 45.1644, 66.8935
YIQ	174.5690, -35.3950, -2.8110

Conversions

Conversions Part 2

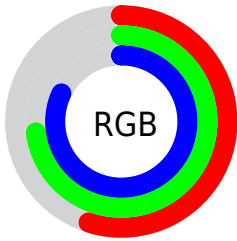
Format	Color
R _{YB}	139, 167, 209
Decimal	9157329
CIE Lab	73.00, -9.95, -16.57
CIE LCh	73, 19.330, 239.026
Yxy	45.1644, 0.2615, 0.2977
Android (android.graphics.Color)	4287347409 (0xFF8BBAD1)
YUV	174.5690, 16.9745, -31.1940
Hunter-Lab	67.2044, -12.2317, -11.9726

Details

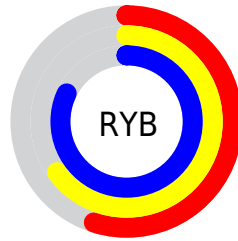
The CIELCh color **73, 19.330, 239.026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 23.428, 52.710**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.819, 222.181**, and **53, 19.451, 239.479** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.340, 240.872**, and if you desaturate by 10%, it is **76, 13.920, 237.550**.

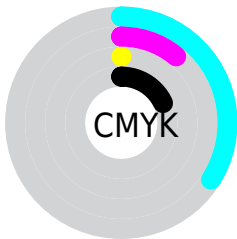
Distribution



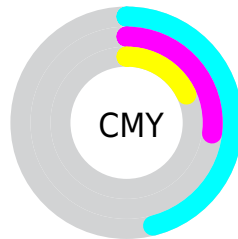
- Red (55%)
- Green (73%)
- Blue (82%)



- Red (55%)
- Yellow (65%)
- Blue (82%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 19.330, 239.026 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 73, 19.330, 239.026 by changing the saturation by 10% instead.

■ 73, 19.330,
239.026

■ 73, 19.330,
239.026

■ 100, 19.330,
239.026

■ 63, 19.330,
239.026

■ 93, 19.330,
239.026

■ 53, 19.330,
239.026

■ 43, 19.330,
239.026

■ 33, 19.330,
239.026

■ 23, 19.330,
239.026

■ 13, 19.330,
239.026

■ 3, 19.330, 239.026

0, 19.330, 239.026

73, 19.330,
239.026

73, 19.330,
239.026

70, 24.340,
240.872

76, 13.920,
237.550

67, 28.895,
243.180

79, 8.176, 236.391

64, 32.959,
246.034

83, 2.164, 235.617

86, 4.058, 54.499

62, 36.538,
249.514

89, 10.437, 53.965

59, 39.697,
253.664

92, 14.085, 61.393

94, 15.098, 77.646

57, 42.569,
258.446

95, 17.140, 90.853

■ 56, 44.415,
261.712

■ 97, 19.880,
100.755

Harmonies

Complementary

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



73, 19.330, 239.026



70, 23.428, 52.710

Rectangle

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



73, 19.330, 239.026



73, 19.330, 289.026



73, 19.330, 59.026



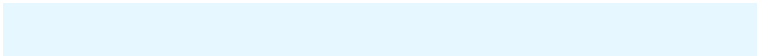
73, 19.330, 109.026

Sweetspot

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



73, 19.329, 239.023



96, 7.166, 236.067



78, 36.146, 152.153



51, 4.875, 236.198



0, 0.000, 0.000



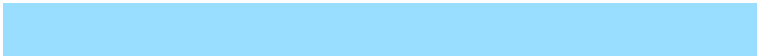
53, 0.007, 296.813

Same Dimension

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



73, 19.329, 239.023



85, 26.569, 240.264



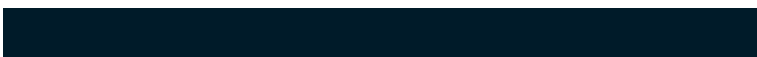
64, 32.033, 286.201



42, 3.466, 236.004



45, 37.484, 260.857



9, 13.003, 249.050

Inverse Universe

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



66, 36.320, 338.008



76, 50.727, 338.627



79, 30.629, 97.520



41, 6.109, 336.087



37, 66.536, 346.868



5, 24.193, 342.634

Previews

White Background



This preview shows how the CIE LCh color 73, 19.330, 239.026 looks on a white background.

Color Contrast Check

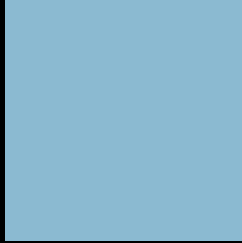
Large Text (above 18pt) WCAG AA × Fail

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 73, 19.330, 239.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

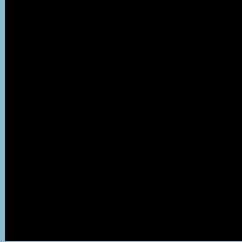
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 19.330, 239.026

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.330, 239.026.

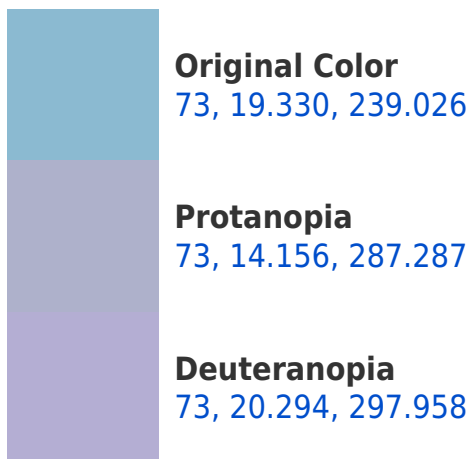


This preview shows how white text looks on a background with the CIELCh color 73, 19.330, 239.026.

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
73, 18.113, 225.202

Trichromacy



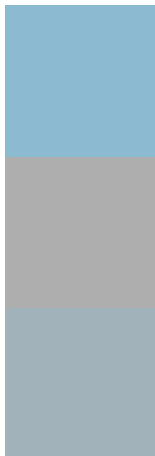
Original Color
73, 19.330, 239.026

Protanomaly
73, 14.876, 265.607

Deuteranomaly
73, 17.827, 277.526

Tritanomaly
73, 18.474, 230.518

Monochromacy



Original Color
73, 19.330, 239.026

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.710, 238.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.330, 239.026 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(139, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(139, 186, 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(139, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 186, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.330, 239.026 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(139, 186, 209) }
```

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

```
.border{ border-color:rgb(139, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 186, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 186, 209); box-shadow:4px 4px 4px 4px rgb(139, 186, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.330, 239.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 186, 209) }
```

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

```
.background{ background-color: rgb(139,  
186, 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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