

Converting Colors

CIELCh(74, 17.582, 239.144)

Have a look what the booklet for
CIELCh(74, 17.582, 239.144)
contains.

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Color

CIELCh(74, 17.582, 239.148)

Conversions

Conversions Part 1

Format	Color
Hex	92BCD1
RGB	146, 188, 209
RGB Percent	57%, 74%, 82%
CMY	0.4273, 0.2626, 0.1802
CMYK	0.30, 0.10, 0.00, 0.18
HSL	200°, 41%, 70%
HSV	200°, 30%, 82%
XYZ	41.3668, 46.7039, 67.1827
YIQ	177.8360, -31.7730, -2.3730

Conversions

Conversions Part 2

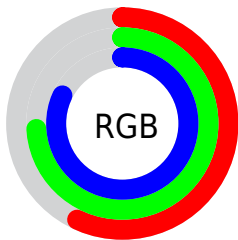
Format	Color
RYB	146, 171, 209
Decimal	9616593
CIELab	74.00, -9.02, -15.09
CIElCh	74, 17.582, 239.148
Yxy	46.7039, 0.2664, 0.3008
Android (android.graphics.Color)	4287806673 (0xFF92BCD1)
YUV	177.8360, 15.3639, -27.9202
Hunter-Lab	68.3403, -11.5482, -10.4475

Details

The CIELCh color **74, 17.582, 239.148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 20.804, 53.443**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.083, 220.796**, and **54, 17.758, 239.167** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.756, 240.883**, and if you desaturate by 10%, it is **77, 12.036, 237.760**.

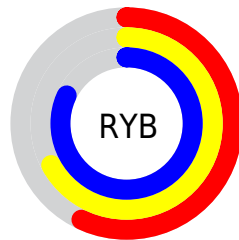
Distribution



Red (57%)

Green (74%)

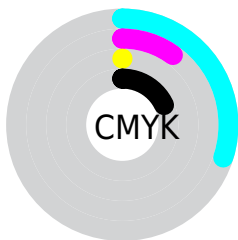
Blue (82%)



Red (57%)

Yellow (67%)

Blue (82%)

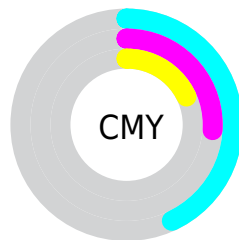


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 17.582, 239.148 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, 17.582, 239.148 by changing the saturation by 10% instead.

■ 74, 17.582,
239.148

■ 74, 17.582,
239.148

■ 100, 17.582,
239.148

■ 64, 17.582,
239.148

■ 94, 17.582,
239.148

■ 54, 17.582,
239.148

■ 44, 17.582,
239.148

■ 34, 17.582,
239.148

■ 24, 17.582,
239.148

■ 14, 17.582,
239.148

■ 4, 17.582, 239.148

0, 17.582, 239.148

74, 17.582,
239.148

74, 17.582,
239.148

71, 22.756,
240.883

77, 12.036,
237.760

68, 27.499,
243.053

80, 6.185, 236.681

65, 31.770,
245.743

84, 0.090, 241.299

87, 6.193, 54.898

62, 35.560,
249.034

91, 12.614, 54.356

60, 38.913,
252.984

93, 14.297, 68.012

94, 15.782, 83.460

57, 41.940,
257.585

96, 18.189, 95.451

■ 55, 44.823,
262.535

■ 98, 21.191,
104.263

Harmonies

Complementary

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



74, 17.582, 239.148



72, 20.804, 53.443

Rectangle

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



74, 17.582, 239.148



74, 17.582, 289.148



74, 17.582, 59.148



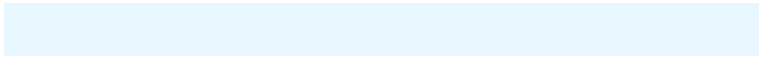
74, 17.582, 109.148

Sweetspot

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



74, 17.581, 239.144



96, 6.465, 236.588



79, 32.583, 152.500



51, 4.480, 236.721



0, 0.000, 0.000



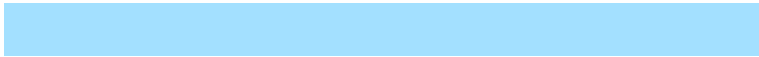
53, 0.007, 296.813

Same Dimension

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



74, 17.581, 239.144



86, 24.251, 240.189



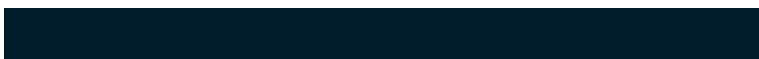
66, 28.670, 285.597



42, 3.467, 236.615



45, 37.800, 261.676



9, 13.064, 249.851

Inverse Universe

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



68, 32.611, 337.936



78, 45.662, 338.482



79, 27.567, 97.921



41, 6.088, 336.292



37, 66.350, 347.236



5, 24.110, 342.928

Previews

White Background



This preview shows how the CIELCh color 74, 17.582, 239.148 looks on a white background.

Color Contrast Check

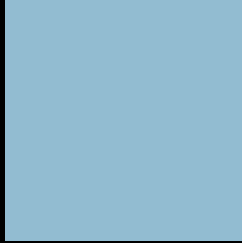
Large Text (above 18pt) WCAG AA × Fail

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, 17.582, 239.148 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, 17.582, 239.148

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.582, 239.148.

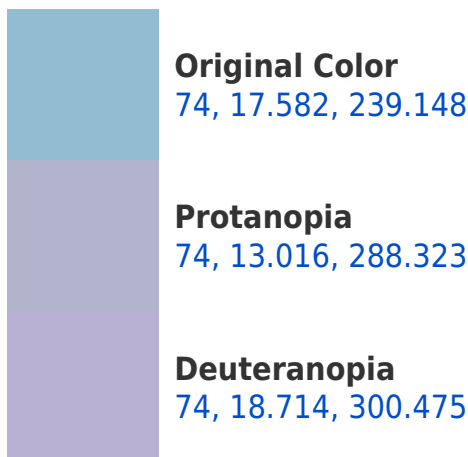


This preview shows how white text looks on a background with the CIELCh color 74, 17.582, 239.148.

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, 16.514, 228.086

Trichromacy



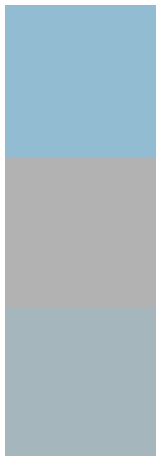
Original Color
74, 17.582, 239.148

Protanomaly
74, 13.608, 265.916

Deuteranomaly
74, 15.998, 279.296

Tritanomaly
74, 16.967, 231.530

Monochromacy



Original Color
74, 17.582, 239.148

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.803, 233.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.582, 239.148 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(146, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(146, 188, 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(146, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 188, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.582, 239.148 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(146, 188, 209) }
```

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

```
.border{ border-color:rgb(146, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(146, 188,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.582, 239.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 188, 209) }
```

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

```
.background{ background-color: rgb(146,  
188, 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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