

Converting Colors

CIELCh(74, 16.952, 213.934)

Have a look what the booklet for
CIELCh(74, 16.952, 213.934)
contains.

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Color

CIELCh(74, 16.979, 215.031)

Conversions

Conversions Part 1

Format	Color
Hex	8DBEC7
RGB	141, 190, 199
RGB Percent	55%, 75%, 78%
CMY	0.4464, 0.2543, 0.2190
CMYK	0.29, 0.05, 0.00, 0.22
HSL	189°, 34%, 67%
HSV	189°, 29%, 78%
XYZ	39.7869, 46.7039, 61.0492
YIQ	176.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

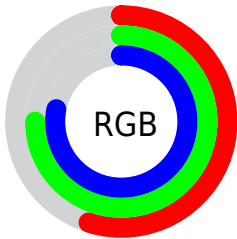
Format	Color
RYB	141, 168, 199
Decimal	9289415
CIELab	74.00, -13.90, -9.75
CIElCh	74, 16.979, 215.031
Yxy	46.7039, 0.2697, 0.3166
Android (android.graphics.Color)	4287479495 (0xFF8DBEC7)
YUV	176.3750, 11.1541, -31.0239
Hunter-Lab	68.3403, -15.6748, -5.1262

Details

The CIELCh color **74, 16.979, 215.031** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 20.831, 34.808**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.853, 214.508**, and **54, 16.915, 213.859** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.880, 215.543**, and if you desaturate by 10%, it is **76, 11.542, 214.707**.

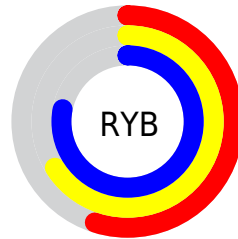
Distribution



Red (55%)

Green (75%)

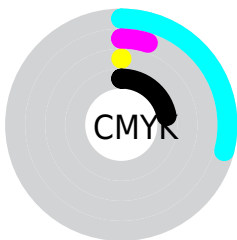
Blue (78%)



Red (55%)

Yellow (66%)

Blue (78%)

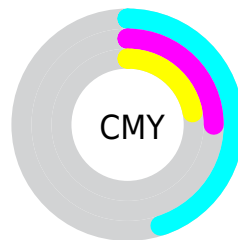


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 16.979, 215.031 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, 16.979, 215.031 by changing the saturation by 10% instead.

■ 74, 16.979,
215.031

■ 74, 16.979,
215.031

■ 100, 16.979,
215.031

■ 64, 16.979,
215.031

■ 94, 16.979,
215.031

■ 54, 16.979,
215.031

■ 44, 16.979,
215.031

■ 34, 16.979,
215.031

■ 24, 16.979,
215.031

■ 14, 16.979,
215.031

■ 4, 16.979, 215.031

0, 16.979, 215.031

74, 16.979,
215.031

74, 16.979,
215.031

72, 21.880,
215.543

76, 11.542,
214.707

70, 26.144,
216.300

78, 5.666, 214.571

69, 29.684,
217.350

81, 0.556, 33.416

83, 7.042, 34.350

67, 32.435,
218.757

85, 13.724, 34.480

66, 34.377,
220.587

87, 18.396, 36.162

88, 17.808, 41.954

65, 35.546,
222.904

89, 17.418, 48.072

■ 64, 36.113,
225.695

■ 90, 17.238, 54.387

■ 64, 36.157,
225.945

Harmonies

Complementary

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



74, 16.979, 215.031



66, 20.831, 34.808

Rectangle

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



74, 16.979, 215.031



74, 16.979, 265.031



74, 16.979, 35.031



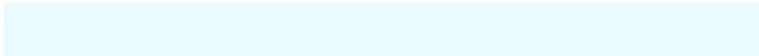
74, 16.979, 85.031

Sweetspot

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



74, 16.979, 215.026



97, 6.831, 214.571



75, 34.294, 146.715



52, 4.728, 214.577



0, 0.000, 0.000



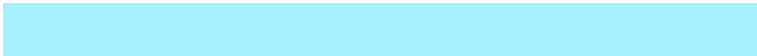
53, 0.007, 296.813

Same Dimension

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



74, 16.979, 215.026



91, 24.305, 215.331



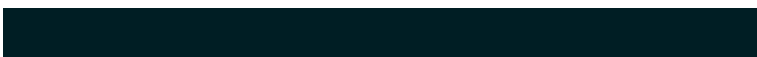
66, 21.715, 274.254



41, 3.515, 214.572



53, 31.197, 225.463



9, 11.368, 218.442

Inverse Universe

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



66, 34.254, 330.784



79, 50.138, 331.190



74, 21.990, 86.015



39, 6.632, 329.543



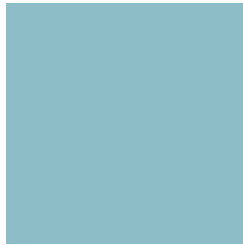
37, 73.392, 335.468



4, 23.361, 332.901

Previews

White Background



This preview shows how the CIELCh color 74, 16.979, 215.031 looks on a white background.

Color Contrast Check

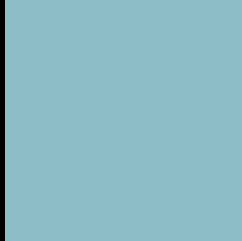
Large Text (above 18pt) WCAG AA × Fail

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, 16.979, 215.031 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, 16.979, 215.031

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.979, 215.031.



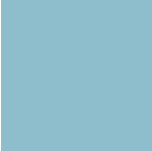
This preview shows how white text looks on a background with the CIELCh color 74, 16.979, 215.031.

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, 17.307, 226.555

Trichromacy



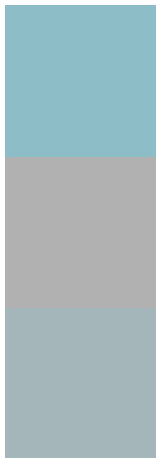
Original Color
74, 16.979, 215.031

Protanomaly
74, 8.358, 244.719

Deuteranomaly
74, 11.223, 274.865

Tritanomaly
74, 16.944, 223.062

Monochromacy



Original Color
74, 16.979, 215.031

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 6.658, 213.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.979, 215.031 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(141, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 199)  
}
```

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(141, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.979, 215.031 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(141, 190, 199) }
```

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

```
.border{ border-color:rgb(141, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 190,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.979, 215.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 190, 199) }
```

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

```
.background{ background-color: rgb(141,  
190, 199) }
```

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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