

Converting Colors

CIELCh(74, 18.556, 214.509)

Have a look what the booklet for
CIELCh(74, 18.556, 214.509)
contains.

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Color

CIELCh(74, 18.491, 215.287)

Conversions

Conversions Part 1

Format	Color
Hex	89BFC9
RGB	137, 191, 201
RGB Percent	54%, 75%, 79%
CMY	0.4634, 0.2516, 0.2124
CMYK	0.32, 0.05, 0.00, 0.21
HSL	189°, 37%, 66%
HSV	189°, 32%, 79%
XYZ	39.4082, 46.7039, 62.0939
YIQ	175.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

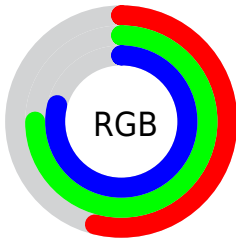
Format	Color
RYB	137, 166, 201
Decimal	9027529
CIELab	74.00, -15.09, -10.68
CIElCh	74, 18.491, 215.287
Yxy	46.7039, 0.2659, 0.3151
Android (android.graphics.Color)	4287217609 (0xFF89BFC9)
YUV	175.9940, 12.3280, -34.1977
Hunter-Lab	68.3403, -16.6640, -6.0327

Details

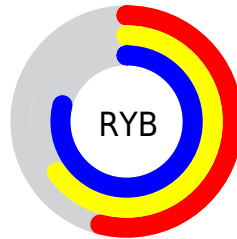
The CIELCh color **74, 18.491, 215.287** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 23.194, 35.018**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.226, 211.492**, and **54, 18.433, 216.208** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.256, 215.869**, and if you desaturate by 10%, it is **76, 13.158, 214.906**.

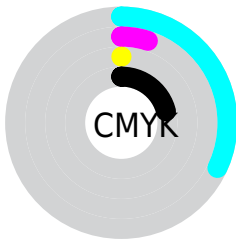
Distribution



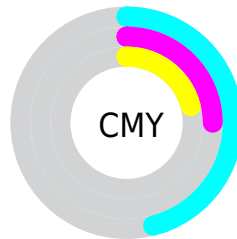
- Red (54%)
- Green (75%)
- Blue (79%)



- Red (54%)
- Yellow (65%)
- Blue (79%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)





- Cyan (46%)
- Magenta (25%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.491, 215.287 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, 18.491, 215.287 by changing the saturation by 10% instead.

 74, 18.491,
215.287

 74, 18.491,
215.287

 100, 18.491,
215.287


 64, 18.491,
215.287


 94, 18.491,
215.287

 54, 18.491,
215.287

 44, 18.491,
215.287

 34, 18.491,
215.287

 24, 18.491,
215.287

 14, 18.491,
215.287

 4, 18.491, 215.287

0, 18.491, 215.287

74, 18.491,
215.287

74, 18.491,
215.287

72, 23.256,
215.869

76, 13.158,
214.906

70, 27.354,
216.711

78, 7.358, 214.710

69, 30.703,
217.865

80, 1.186, 214.999

83, 5.274, 34.423

67, 33.248,
219.398

85, 11.950, 34.552

66, 34.982,
221.375

88, 17.891, 35.353

88, 17.274, 41.389

65, 35.964,
223.858

89, 16.866, 47.792

■ 64, 36.380,
226.196

■ 90, 16.682, 54.417

Harmonies

Complementary

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



74, 18.491, 215.287



66, 23.194, 35.018

Rectangle

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



74, 18.491, 215.287



74, 18.491, 265.287



74, 18.491, 35.287



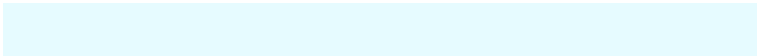
74, 18.491, 85.287

Sweetspot

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



74, 18.491, 215.283



97, 7.564, 214.697



76, 37.744, 146.458



51, 5.141, 214.707



0, 0.000, 0.000



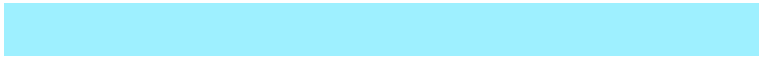
53, 0.007, 296.813

Same Dimension

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



74, 18.491, 215.283



90, 26.022, 215.648



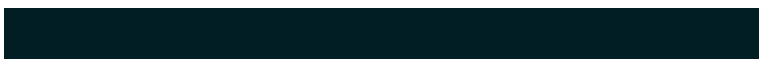
65, 23.965, 274.792



41, 3.513, 214.693



53, 31.193, 225.691



9, 11.362, 218.620

Inverse Universe

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



65, 37.663, 330.996



77, 54.245, 331.423



74, 24.295, 85.643



39, 6.627, 329.578



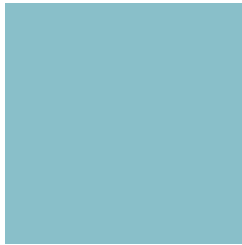
37, 73.333, 335.526



4, 23.338, 332.949

Previews

White Background



This preview shows how the CIELCh color 74, 18.491, 215.287 looks on a white background.

Color Contrast Check

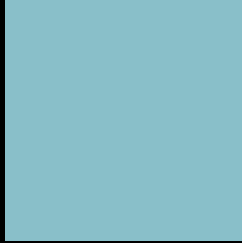
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 18.491, 215.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

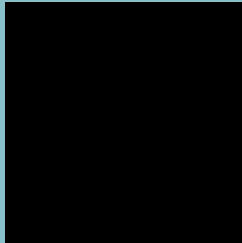
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

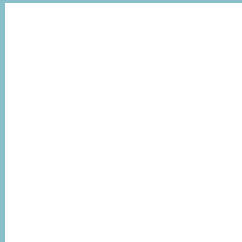
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 18.491, 215.287

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.491, 215.287.

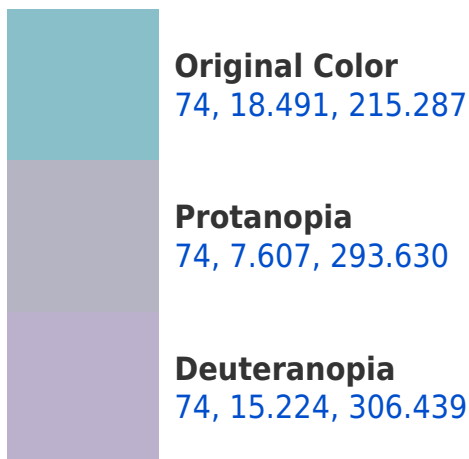


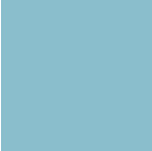
This preview shows how white text looks on a background with the CIELCh color 74, 18.491, 215.287.

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, 18.618, 224.310

Trichromacy



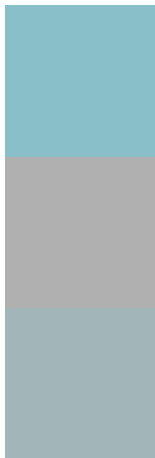
Original Color
74, 18.491, 215.287

Protanomaly
74, 9.201, 244.180

Deuteranomaly
74, 12.136, 269.381

Tritanomaly
74, 18.300, 221.015

Monochromacy



Original Color
74, 18.491, 215.287

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.121, 216.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.491, 215.287 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(137, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 191, 201)  
}
```

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(137, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 191, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.491, 215.287 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(137, 191, 201) }
```

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

```
.border{ border-color:rgb(137, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 191,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.491, 215.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 191, 201) }
```

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

```
.background{ background-color: rgb(137,  
191, 201) }
```

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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