

Converting Colors

CIELCh(74, 14.214, 216.265)

Have a look what the booklet for
CIELCh(74, 14.214, 216.265)
contains.

CIELCh(74, 14.221, 216.270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 14.221, 216.270)

Conversions

Conversions Part 1

Format	Color
Hex	95BDC5
RGB	149, 189, 197
RGB Percent	58%, 74%, 77%
CMY	0.4164, 0.2596, 0.2282
CMYK	0.24, 0.04, 0.00, 0.23
HSL	190°, 29%, 68%
HSV	190°, 24%, 77%
XYZ	40.5699, 46.7039, 59.5805
YIQ	177.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

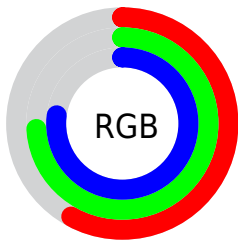
Format	Color
RYB	149, 171, 197
Decimal	9813445
CIELab	74.00, -11.47, -8.41
CIElCh	74, 14.221, 216.270
Yxy	46.7039, 0.2763, 0.3180
Android (android.graphics.Color)	4288003525 (0xFF95BDC5)
YUV	177.9520, 9.3907, -25.3909
Hunter-Lab	68.3403, -13.6298, -3.8521

Details

The CIELCh color **74, 14.221, 216.270** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 16.799, 35.780**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.215, 217.749**, and **54, 14.218, 214.748** is the 20% darker color. If you saturate the color by 10%, you get **72, 19.310, 216.757**, and if you desaturate by 10%, it is **76, 8.656, 215.965**.

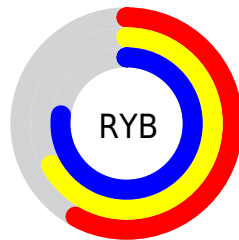
Distribution



Red (58%)

Green (74%)

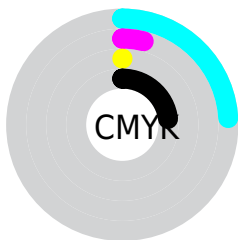
Blue (77%)



Red (58%)

Yellow (67%)

Blue (77%)

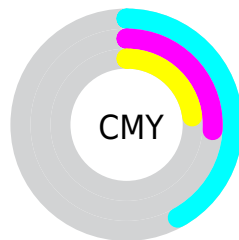


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (23%)



Cyan (42%)


Magenta (26%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.221, 216.270 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, 14.221, 216.270 by changing the saturation by 10% instead.


 74, 14.221,
216.270


 74, 14.221,
216.270


 100, 14.221,
216.270


 64, 14.221,
216.270


 94, 14.221,
216.270

 54, 14.221,
216.270

 44, 14.221,
216.270

 34, 14.221,
216.270

 24, 14.221,
216.270

 14, 14.221,
216.270

 4, 14.221, 216.270

0, 14.221, 216.270

74, 14.221,
216.270

74, 14.221,
216.270

72, 19.310,
216.757

76, 8.656, 215.965

70, 23.824,
217.481

78, 2.709, 215.921

81, 3.537, 35.494

68, 27.673,
218.489

83, 10.009, 35.606

67, 30.781,
219.844

86, 16.645, 35.704

87, 18.893, 39.236

65, 33.106,
221.617

88, 18.378, 45.300

64, 34.658,
223.879

89, 18.083, 51.632

■ 63, 35.516,
226.686

■ 90, 18.021, 58.084

■ 62, 35.829,
228.426

Harmonies

Complementary

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



74, 14.221, 216.270



68, 16.799, 35.780

Rectangle

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



74, 14.221, 216.270



74, 14.221, 266.270



74, 14.221, 36.270



74, 14.221, 86.270

Sweetspot

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



74, 14.221, 216.264



98, 5.300, 215.882



75, 28.452, 147.133



52, 3.438, 215.882



0, 0.000, 0.000



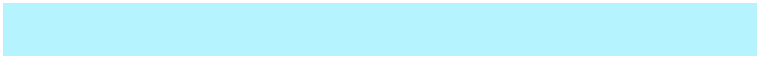
53, 0.007, 296.813

Same Dimension

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



74, 14.221, 216.264



92, 20.493, 216.488



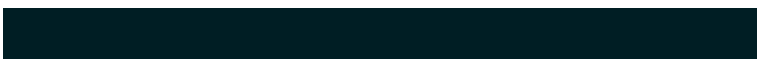
68, 17.949, 273.380



41, 3.489, 215.891



52, 31.180, 227.933



9, 11.303, 220.383

Inverse Universe

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



67, 28.200, 330.878



82, 41.354, 331.203



74, 18.138, 86.648



39, 6.579, 329.927



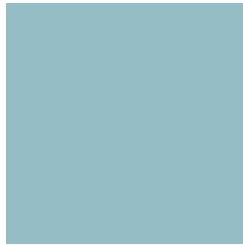
37, 72.757, 336.104



4, 23.123, 333.423

Previews

White Background



This preview shows how the CIE LCh color 74, 14.221, 216.270 looks on a white background.

Color Contrast Check

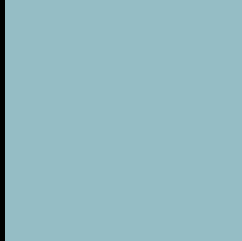
Large Text (above 18pt) WCAG AA × Fail

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, 14.221, 216.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

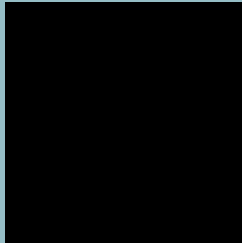
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

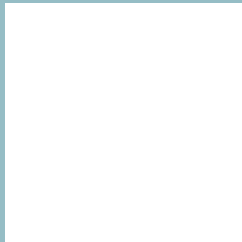
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 14.221, 216.270

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.221, 216.270.



This preview shows how white text looks on a background with the CIELCh color 74, 14.221, 216.270.

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



Original Color
74, 14.221, 216.270

Protanopia
74, 6.560, 297.165

Deuteranopia
74, 13.672, 314.668



Tritanopia
74, 14.940, 231.705

Trichromacy



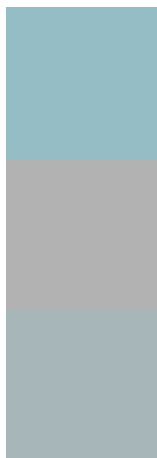
Original Color
74, 14.221, 216.270

Protanomaly
74, 7.461, 252.395

Deuteranomaly
74, 9.348, 280.100

Tritanomaly
74, 14.477, 227.816

Monochromacy



Original Color
74, 14.221, 216.270

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.639, 215.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.221, 216.270 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(149, 189, 197)` looks like.

```
.text, #text, p{  
    color:rgb(149, 189, 197)  
}
```

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(149, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 189, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.221, 216.270 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(149, 189, 197) }
```

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

```
.border{ border-color:rgb(149, 189, 197) }
```

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

Here you see how a box with a 4 pixel rgb(149, 189, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 189, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 189, 197);  
box-shadow:4px 4px 4px 4px rgb(149, 189,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.221, 216.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 189, 197) }
```

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

```
.background{ background-color: rgb(149,  
189, 197) }
```

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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