

Converting Colors

CIELCh(74, 19.114, 165.391)

Have a look what the booklet for
CIELCh(74, 19.114, 165.391)
contains.

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Color

CIELCh(74, 19.130, 165.381)

Conversions

Conversions Part 1

Format	Color
Hex	93BFAC
RGB	147, 191, 172
RGB Percent	58%, 75%, 67%
CMY	0.4218, 0.2492, 0.3237
CMYK	0.23, 0.00, 0.10, 0.25
HSL	154°, 26%, 66%
HSV	154°, 23%, 75%
XYZ	38.3346, 46.7039, 46.2519
YIQ	175.6780, -20.1250, -15.2370

Conversions

Conversions Part 2

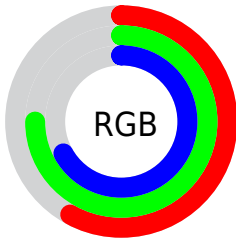
Format	Color
RYB	147, 175, 191
Decimal	9682860
CIELab	74.00, -18.51, 4.83
CIELCh	74, 19.130, 165.381
Yxy	46.7039, 0.2920, 0.3557
Android (android.graphics.Color)	4287872940 (0xFF93BFAC)
YUV	175.6780, -1.8133, -25.1506
Hunter-Lab	68.3403, -19.4682, 7.7114

Details

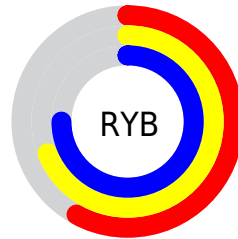
The CIELCh color **74, 19.130, 165.381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 19.894, 349.662**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.868, 165.116**, and **54, 18.896, 166.242** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.188, 164.284**, and if you desaturate by 10%, it is **75, 10.863, 166.378**.

Distribution



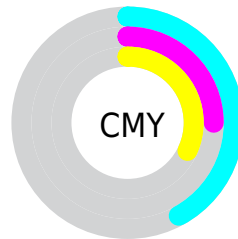
- Red (58%)
- Green (75%)
- Blue (67%)



- Red (58%)
- Yellow (69%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.130, 165.381 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, 19.130, 165.381 by changing the saturation by 10% instead.


 74, 19.130,
165.381


 74, 19.130,
165.381


 100, 19.130,
165.381


 64, 19.130,
165.381


 94, 19.130,
165.381

 54, 19.130,
165.381

 44, 19.130,
165.381

 34, 19.130,
165.381

 24, 19.130,
165.381

 14, 19.130,
165.381

 4, 19.130, 165.381

0, 19.130, 165.381

74, 19.130,
165.381

74, 19.130,
165.381

73, 27.188,
164.284

75, 10.863,
166.378

72, 34.901,
163.066

77, 2.499, 167.402

71, 42.131,
161.700

79, 5.866, 347.986

81, 14.156,
348.788

70, 48.745,
160.161

83, 22.315,
349.508

69, 54.636,
158.425

84, 28.073,
346.961

69, 59.742,
156.480

84, 30.520,

■ 69, 64.074,
154.329

340.069

■ 68, 66.782,
152.775

■ 84, 33.371,
334.340

■ 85, 36.525,
329.622

Harmonies

Complementary

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



74, 19.130, 165.381



66, 19.894, 349.662

Rectangle

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



74, 19.130, 165.381



74, 19.130, 215.381



74, 19.130, 345.381



74, 19.130, 35.381

Sweetspot

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



74, 19.131, 165.379



97, 7.272, 166.946



75, 25.512, 130.346



51, 4.725, 166.886



99, 0.012, 296.813



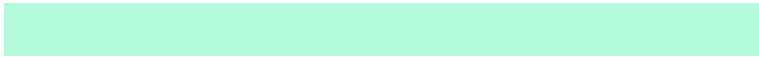
52, 0.007, 296.813

Same Dimension

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



74, 19.131, 165.379



93, 28.792, 164.795



74, 14.255, 204.789



40, 4.791, 166.726



58, 58.273, 153.104



10, 17.537, 159.642

Inverse Universe

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



66, 19.894, 349.662



81, 30.221, 350.287



66, 16.666, 26.462



38, 4.871, 348.263



34, 59.780, 7.986



3, 15.303, 356.343

Previews

White Background



This preview shows how the CIELCh color 74, 19.130, 165.381 looks on a white background.

Color Contrast Check

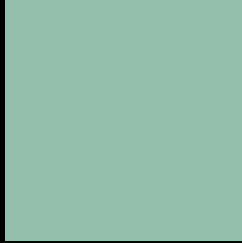
Large Text (above 18pt) WCAG AA × Fail

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, 19.130, 165.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

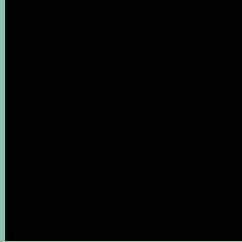
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

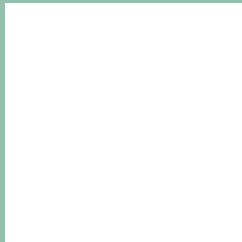
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 19.130, 165.381

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.130, 165.381.



This preview shows how white text looks on a background with the CIELCh color 74, 19.130, 165.381.

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, 19.130, 165.381

Protanopia
74, 8.007, 89.720

Deuteranopia
74, 9.976, 17.124



Tritanopia
74, 13.908, 234.620

Trichromacy



Original Color
74, 19.130, 165.381

Protanomaly
74, 9.793, 136.936

Deuteranomaly
74, 3.254, 103.188

Tritanomaly
74, 13.258, 203.129

Monochromacy



Original Color
74, 19.130, 165.381

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 7.087, 166.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.130, 165.381 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(147, 191, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 172)  
}
```

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(147, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.130, 165.381 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(147, 191, 172) }
```

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

```
.border{ border-color:rgb(147, 191, 172) }
```

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

Here you see how a box with a 4 pixel rgb(147, 191, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.130, 165.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 172) }
```

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

```
.background{ background-color: rgb(147,  
191, 172) }
```

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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