

Converting Colors

CIELCh(74, 13.949, 151.085)

Have a look what the booklet for
CIELCh(74, 13.949, 151.085)
contains.

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Color

CIELCh(74, 13.963, 151.080)

Conversions

Conversions Part 1

Format	Color
Hex	A3BCA9
RGB	163, 188, 169
RGB Percent	64%, 74%, 66%
CMY	0.3602, 0.2621, 0.3367
CMYK	0.13, 0.00, 0.10, 0.26
HSL	134°, 16%, 69%
HSV	134°, 13%, 74%
XYZ	40.3259, 46.7039, 44.4988
YIQ	178.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

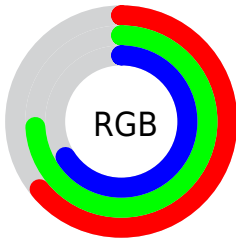
Format	Color
RYB	163, 183, 188
Decimal	10730665
CIELab	74.00, -12.22, 6.75
CIELCh	74, 13.963, 151.080
Yxy	46.7039, 0.3066, 0.3551
Android (android.graphics.Color)	4288920745 (0xFFA3BCA9)
YUV	178.3590, -4.6140, -13.4698
Hunter-Lab	68.3403, -14.2671, 9.2324

Details

The CIELCh color **74, 13.963, 151.080** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 14.025, 332.799**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.905, 150.932**, and **54, 14.160, 151.131** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.528, 150.265**, and if you desaturate by 10%, it is **76, 3.432, 151.845**.

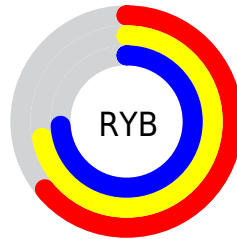
Distribution



Red (64%)

Green (74%)

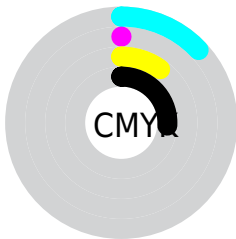
Blue (66%)



Red (64%)

Yellow (72%)

Blue (74%)

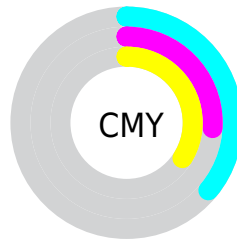


Cyan (13%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (36%)


Magenta (26%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.963, 151.080 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, 13.963, 151.080 by changing the saturation by 10% instead.


 74, 13.963,
151.080

 74, 13.963,
151.080


 100, 13.963,
151.080


 64, 13.963,
151.080


 94, 13.963,
151.080

 54, 13.963,
151.080

 44, 13.963,
151.080

 34, 13.963,
151.080

 24, 13.963,
151.080

 14, 13.963,
151.080

 4, 13.963, 151.080

■ 0, 13.963, 151.080

■ 74, 13.963,
151.080

■ 74, 13.963,
151.080

■ 72, 24.528,
150.265

■ 76, 3.432, 151.845

■ 71, 34.981,
149.330

■ 78, 6.963, 332.319

■ 70, 45.151,
148.252

■ 80, 17.142,
332.878

■ 69, 54.837,
147.014

■ 82, 27.056,
333.355

■ 68, 63.823,
145.605

■ 84, 36.179,
332.758

■ 68, 71.897,
144.033

■ 84, 41.887,
325.896

■ 84, 41.905,

■ 67, 78.868,
142.329

325.877

■ 67, 84.589,
140.563

■ 67, 87.762,
139.460

Harmonies

Complementary

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



74, 13.963, 151.080



70, 14.025, 332.799

Rectangle

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



74, 13.963, 151.080



74, 13.963, 201.080



74, 13.963, 331.080



74, 13.963, 21.080

Sweetspot

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



74, 13.965, 151.079



96, 5.172, 151.777



75, 13.607, 118.431



51, 3.677, 151.716



98, 0.011, 296.813



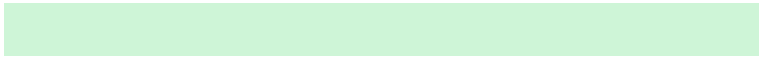
51, 0.007, 296.813

Same Dimension

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



74, 13.965, 151.079



93, 20.842, 150.848



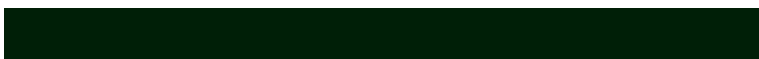
74, 9.840, 177.134



39, 5.957, 151.375



57, 76.707, 139.710



9, 19.263, 149.323

Inverse Universe

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



70, 14.025, 332.799



87, 20.942, 333.001



69, 10.266, 359.559



37, 5.979, 332.531



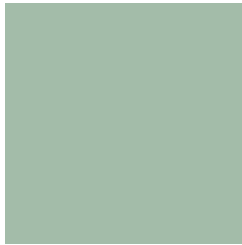
35, 67.386, 340.504



3, 16.968, 336.396

Previews

White Background



This preview shows how the CIELCh color 74, 13.963, 151.080 looks on a white background.

Color Contrast Check

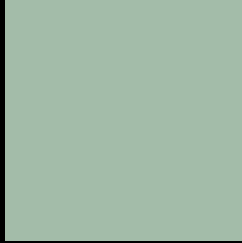
Large Text (above 18pt) WCAG AA × Fail

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, 13.963, 151.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

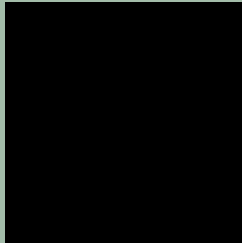
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

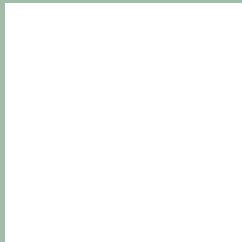
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.963, 151.080

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.963, 151.080.



This preview shows how white text looks on a background with the CIELCh color 74, 13.963, 151.080.

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, 13.963, 151.080

Protanopia
74, 9.158, 89.530

Deuteranopia
74, 10.961, 28.711



Tritanopia
74, 9.323, 253.760

Trichromacy



Original Color
74, 13.963, 151.080

Protanomaly
74, 9.295, 118.771

Deuteranomaly
74, 5.942, 74.212

Tritanomaly
74, 7.242, 207.536

Monochromacy



Original Color
74, 13.963, 151.080

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.095, 151.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.963, 151.080 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(163, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(163, 188, 169)  
}
```

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(163, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 188, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.963, 151.080 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(163, 188, 169) }
```

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

```
.border{ border-color:rgb(163, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 188,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.963, 151.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 188, 169) }
```

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

```
.background{ background-color: rgb(163,  
188, 169) }
```

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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