

Converting Colors

CIELCh(74, 24.618, 170.530)

Have a look what the booklet for
CIELCh(74, 24.618, 170.530)
contains.

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Color

CIELCh(74, 24.240, 170.950)

Conversions

Conversions Part 1

Format	Color
Hex	85C2AE
RGB	133, 194, 174
RGB Percent	52%, 76%, 68%
CMY	0.4779, 0.2387, 0.3171
CMYK	0.31, 0.00, 0.10, 0.24
HSL	160°, 33%, 64%
HSV	160°, 31%, 76%
XYZ	36.6696, 46.7039, 47.1954
YIQ	173.4810, -29.9360, -19.1520

Conversions

Conversions Part 2

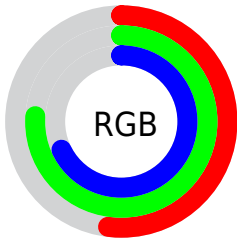
Format	Color
R_{YB}	133, 169, 194
Decimal	8766126
CIE _{Lab}	74.00, -23.94, 3.81
CIE _{LCh}	74, 24.240, 170.950
Yxy	46.7039, 0.2808, 0.3577
Android (android.graphics.Color)	4286956206 (0xFF85C2AE)
YUV	173.4810, 0.2559, -35.5018
Hunter-Lab	68.3403, -23.8170, 6.8929

Details

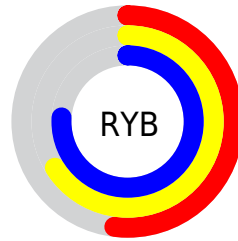
The CIELCh color **74, 24.240, 170.950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 26.346, 357.497**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.432, 170.198**, and **54, 24.000, 171.373** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.335, 169.758**, and if you desaturate by 10%, it is **75, 16.760, 172.037**.

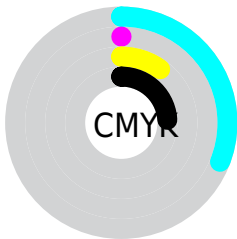
Distribution



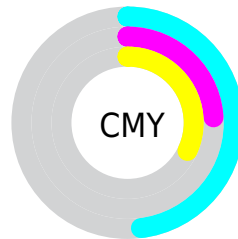
- Red (52%)
- Green (76%)
- Blue (68%)



- Red (52%)
- Yellow (66%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (48%)
- Magenta (24%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.240, 170.950 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, 24.240, 170.950 by changing the saturation by 10% instead.

 74, 24.240,
170.950

 74, 24.240,
170.950


 100, 24.240,
170.950


 64, 24.240,
170.950


 94, 24.240,
170.950

 54, 24.240,
170.950

 44, 24.240,
170.950

 34, 24.240,
170.950

 24, 24.240,
170.950

 14, 24.240,
170.950

 4, 24.240, 170.950

■ 0, 24.240, 170.950

■ 74, 24.240,
170.950

■ 74, 24.240,
170.950

■ 73, 31.335,
169.758

■ 75, 16.760,
172.037

■ 72, 37.908,
168.443

■ 77, 9.017, 173.054

■ 71, 43.838,
166.979

■ 78, 1.125, 174.332

■ 80, 6.820, 354.721

■ 71, 49.026,
165.340

■ 82, 14.743,
355.568

■ 70, 53.420,
163.506

■ 84, 22.585,
356.347

■ 70, 57.030,
161.469

■ 84, 25.687,
351.572

■ 70, 59.661,
159.625

■ 85, 27.312,
345.354

■ 85, 29.242,
339.934

Harmonies

Complementary

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



74, 24.240, 170.950



62, 26.346, 357.497

Rectangle

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



74, 24.240, 170.950



74, 24.240, 220.950



74, 24.240, 350.950



74, 24.240, 40.950

Sweetspot

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



74, 24.241, 170.948



97, 8.803, 173.283



74, 36.224, 133.202



52, 6.162, 173.134



0, 0.000, 0.000



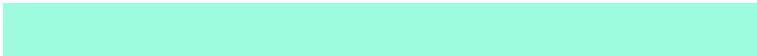
53, 0.007, 296.813

Same Dimension

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



74, 24.241, 170.948



93, 35.795, 170.106



72, 17.663, 216.594



40, 4.473, 173.261



58, 51.558, 159.965



10, 16.047, 165.938

Inverse Universe

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



62, 26.346, 357.497



75, 39.678, 358.562



64, 22.045, 35.987



38, 4.584, 354.872



34, 61.141, 17.891



3, 14.728, 2.059

Previews

White Background



This preview shows how the CIELCh color 74, 24.240, 170.950 looks on a white background.

Color Contrast Check

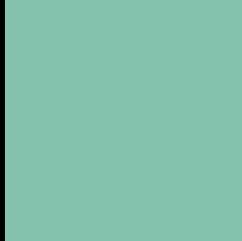
Large Text (above 18pt) WCAG AA × Fail

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, 24.240, 170.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

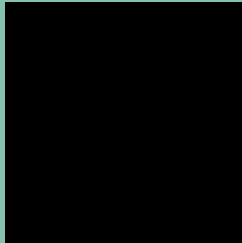
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

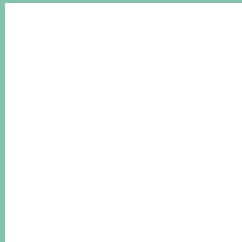
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 24.240, 170.950

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.240, 170.950.

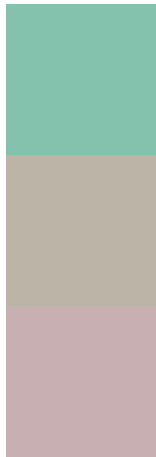


This preview shows how white text looks on a background with the CIELCh color 74, 24.240, 170.950.

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, 24.240, 170.950

Protanopia

74, 8.007, 89.720

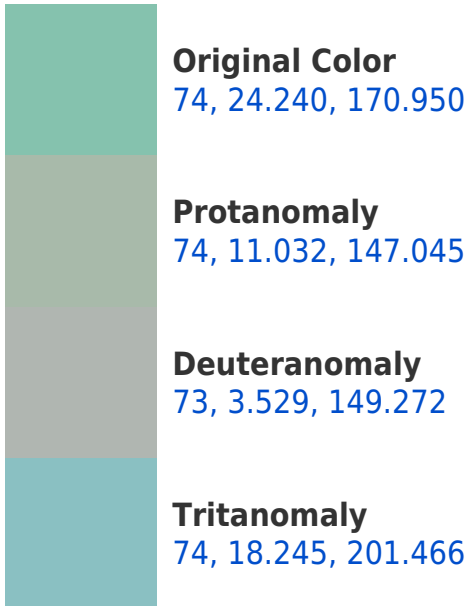
Deuteranopia

74, 9.670, 10.583

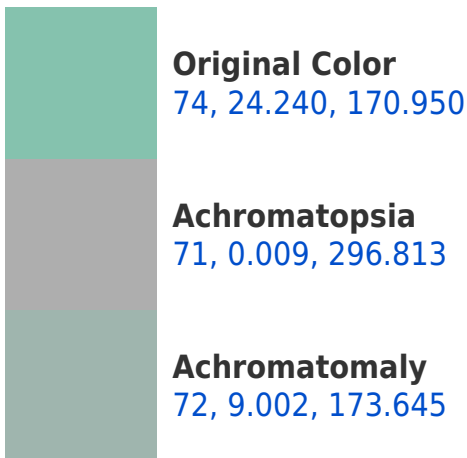


Tritanopia
74, 18.092, 225.159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.240, 170.950 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(133, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(133, 194, 174)  
}
```

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(133, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 194, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.240, 170.950 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(133, 194, 174) }
```

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

```
.border{ border-color:rgb(133, 194, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 194, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(133, 194,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.240, 170.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 194, 174) }
```

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

```
.background{ background-color: rgb(133,  
194, 174) }
```

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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