

Converting Colors

CIELCh(74, 28.054, 173.199)

Have a look what the booklet for
CIELCh(74, 28.054, 173.199)
contains.

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Color

CIELCh(74, 28.054, 173.281)

Conversions

Conversions Part 1

Format	Color
Hex	7AC4AF
RGB	122, 196, 175
RGB Percent	48%, 77%, 69%
CMY	0.5216, 0.2314, 0.3138
CMYK	0.38, 0.00, 0.11, 0.23
HSL	163°, 39%, 62%
HSV	163°, 38%, 77%
XYZ	35.4967, 46.7039, 47.6934
YIQ	171.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

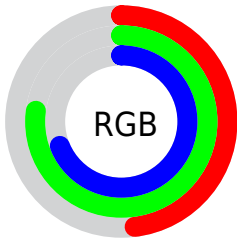
Format	Color
RYB	122, 165, 196
Decimal	8045743
CIELab	74.00, -27.86, 3.28
CIElCh	74, 28.054, 173.281
Yxy	46.7039, 0.2733, 0.3596
Android (android.graphics.Color)	4286235823 (0xFF7AC4AF)
YUV	171.4800, 1.7354, -43.3940
Hunter-Lab	68.3403, -26.8806, 6.4608

Details

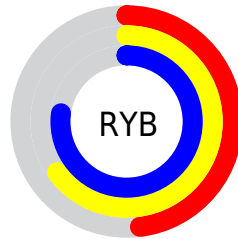
The CIELCh color **74, 28.054, 173.281** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 31.617, 1.578**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.255, 172.781**, and **54, 28.090, 173.668** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.559, 172.045**, and if you desaturate by 10%, it is **75, 21.046, 174.408**.

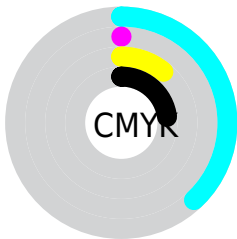
Distribution



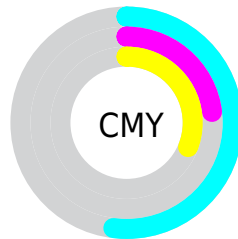
- Red (48%)
- Green (77%)
- Blue (69%)



- Red (48%)
- Yellow (65%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)




- Cyan (52%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 28.054, 173.281 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, 28.054, 173.281 by changing the saturation by 10% instead.


 74, 28.054,
173.281

 74, 28.054,
173.281


 100, 28.054,
173.281


 64, 28.054,
173.281


 94, 28.054,
173.281

 54, 28.054,
173.281

 44, 28.054,
173.281

 34, 28.054,
173.281

 24, 28.054,
173.281

 14, 28.054,
173.281

 4, 28.054, 173.281

■ 0, 28.054, 173.281

■ 74, 28.054,
173.281

■ 74, 28.054,
173.281

■ 73, 34.559,
172.045

■ 75, 21.046,
174.408

■ 72, 40.434,
170.683

■ 76, 13.661,
175.456

■ 72, 45.573,
169.168

■ 78, 6.025, 176.464

■ 71, 49.910,
167.476

■ 80, 1.757, 357.017

■ 81, 9.593, 358.091

■ 71, 53.439,
165.591

■ 83, 17.412,
358.924

■ 70, 56.255,
163.530

■ 85, 23.709,
358.124

■ 70, 56.852,
163.073

■ 85, 24.816,
351.828

■ 85, 26.213,
346.162

Harmonies

Complementary

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



74, 28.054, 173.281



60, 31.617, 1.578

Rectangle

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



74, 28.054, 173.281



74, 28.054, 223.281



74, 28.054, 353.281



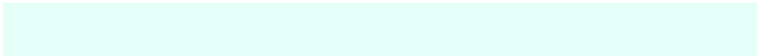
74, 28.054, 43.281

Sweetspot

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



74, 28.055, 173.279



98, 10.550, 176.118



74, 44.182, 133.881



52, 7.080, 175.980



0, 0.000, 0.000



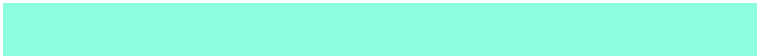
53, 0.007, 296.813

Same Dimension

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



74, 28.055, 173.279



93, 40.562, 172.308



70, 20.499, 221.499



40, 4.357, 176.300



59, 48.804, 163.414



10, 15.431, 169.185

Inverse Universe

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



60, 31.617, 1.578



72, 46.917, 2.975



62, 26.830, 39.367



38, 4.483, 357.916



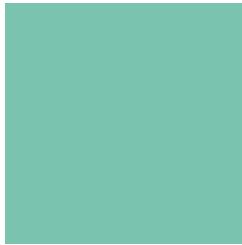
33, 62.335, 21.892



3, 14.554, 4.295

Previews

White Background



This preview shows how the CIELCh color 74, 28.054, 173.281 looks on a white background.

Color Contrast Check

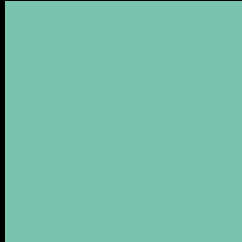
Large Text (above 18pt) WCAG AA × Fail

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, 28.054, 173.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

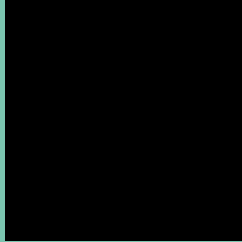
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

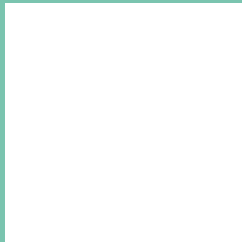
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 28.054, 173.281

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.054, 173.281.

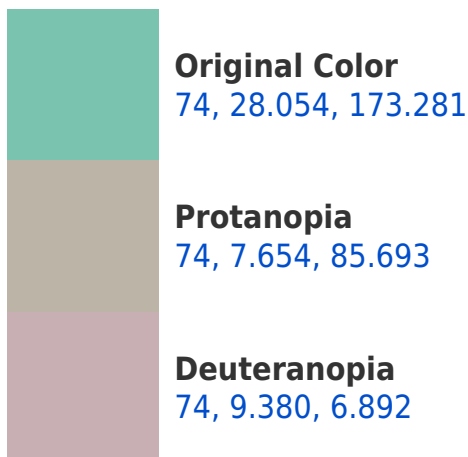


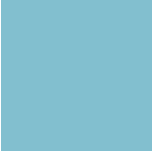
This preview shows how white text looks on a background with the CIELCh color 74, 28.054, 173.281.

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, 21.089, 222.536

Trichromacy



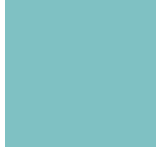
Original Color
74, 28.054, 173.281



Protanomaly
73, 12.010, 152.414



Deuteranomaly
73, 5.234, 167.910



Tritanomaly
74, 21.737, 200.660

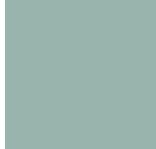
Monochromacy



Original Color
74, 28.054, 173.281



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.884, 174.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.054, 173.281 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(122, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(122, 196, 175)  
}
```

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(122, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 196, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.054, 173.281 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(122, 196, 175) }
```

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

```
.border{ border-color:rgb(122, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 196, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 196, 175); box-shadow:4px 4px 4px 4px rgb(122, 196, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.054, 173.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 196, 175) }
```

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

```
.background{ background-color: rgb(122,  
196, 175) }
```

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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