

Converting Colors

CIELCh(74, 25.050, 174.550)

Have a look what the booklet for
CIELCh(74, 25.050, 174.550)
contains.

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Color

CIELCh(74, 25.064, 174.533)

Conversions

Conversions Part 1

Format	Color
Hex	81C3B1
RGB	129, 195, 177
RGB Percent	51%, 76%, 69%
CMY	0.4952, 0.2365, 0.3070
CMYK	0.34, 0.00, 0.09, 0.24
HSL	164°, 35%, 63%
HSV	164°, 34%, 76%
XYZ	36.3647, 46.7039, 48.5409
YIQ	173.2140, -33.5580, -19.5900

Conversions

Conversions Part 2

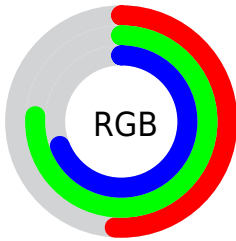
Format	Color
RYB	129, 167, 195
Decimal	8504241
CIELab	74.00, -24.95, 2.39
CIELCh	74, 25.064, 174.533
Yxy	46.7039, 0.2763, 0.3549
Android (android.graphics.Color)	4286694321 (0xFF81C3B1)
YUV	173.2140, 1.8665, -38.7757
Hunter-Lab	68.3403, -24.6134, 5.7255

Details

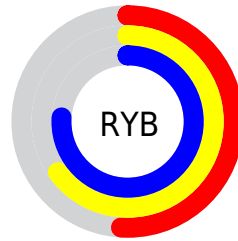
The CIELCh color **74, 25.064, 174.533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 28.008, 1.773**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.033, 174.762**, and **54, 25.266, 174.051** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.668, 173.351**, and if you desaturate by 10%, it is **75, 18.002, 175.618**.

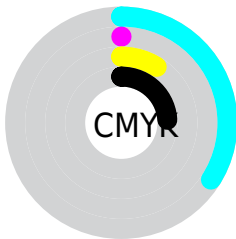
Distribution



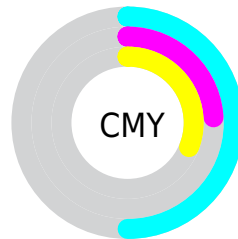
- Red (51%)
- Green (76%)
- Blue (69%)



- Red (51%)
- Yellow (65%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (50%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 25.064, 174.533 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, 25.064, 174.533 by changing the saturation by 10% instead.


 74, 25.064,
174.533


 74, 25.064,
174.533


 100, 25.064,
174.533


 64, 25.064,
174.533


 94, 25.064,
174.533

 54, 25.064,
174.533

 44, 25.064,
174.533

 34, 25.064,
174.533

 24, 25.064,
174.533

 14, 25.064,
174.533

 4, 25.064, 174.533

■ 0, 25.064, 174.533

■ 74, 25.064,
174.533

■ 74, 25.064,
174.533

■ 73, 31.668,
173.351

■ 75, 18.002,
175.618

■ 72, 37.685,
172.056

■ 77, 10.606,
176.638

■ 71, 43.003,
170.621

■ 78, 2.994, 177.688

■ 71, 47.539,
169.023

■ 80, 4.733, 358.310

■ 82, 12.492,
359.210

■ 70, 51.262,
167.239

■ 83, 20.218, 0.022

■ 70, 54.211,
165.263

■ 84, 24.392,
357.212

■ 70, 55.768,
164.015

■ 85, 25.477,
351.390

■ 85, 26.820,
346.121

Harmonies

Complementary

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



74, 25.064, 174.533



61, 28.008, 1.773

Rectangle

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



74, 25.064, 174.533



74, 25.064, 224.533



74, 25.064, 354.533



74, 25.064, 44.533

Sweetspot

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



74, 25.065, 174.531



97, 9.461, 177.011



74, 39.720, 134.597



52, 6.499, 176.868



0, 0.000, 0.000



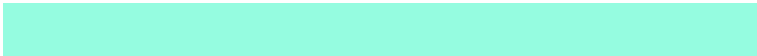
53, 0.007, 296.813

Same Dimension

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



74, 25.065, 174.531



92, 36.750, 173.626



70, 18.479, 223.427



40, 4.330, 177.090



59, 48.125, 164.342



10, 15.280, 170.041

Inverse Universe

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



61, 28.008, 1.773



73, 42.186, 3.042



64, 23.349, 40.931



38, 4.460, 358.704



33, 62.688, 22.867



3, 14.514, 4.859

Previews

White Background



This preview shows how the CIELCh color 74, 25.064, 174.533 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, 25.064, 174.533 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

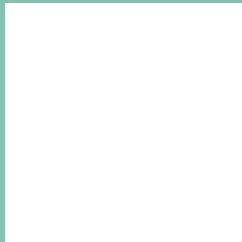
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 25.064, 174.533

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.064, 174.533.

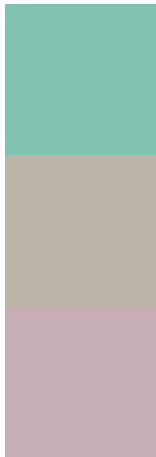


This preview shows how white text looks on a background with the CIELCh color 74, 25.064, 174.533.

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

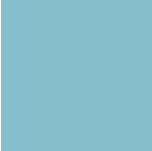
74, 25.064, 174.533

Protanopia

74, 6.504, 85.178

Deuteranopia

74, 9.656, 0.633

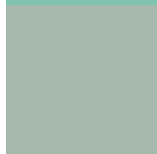


Tritanopia
74, 19.569, 224.692

Trichromacy



Original Color
74, 25.064, 174.533



Protanomaly
73, 10.050, 154.235



Deuteranomaly
73, 3.726, 173.366



Tritanomaly
74, 19.698, 202.706

Monochromacy



Original Color
74, 25.064, 174.533



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 9.654, 175.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.064, 174.533 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(129, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 195, 177)  
}
```

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(129, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 195, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.064, 174.533 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(129, 195, 177) }
```

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

```
.border{ border-color:rgb(129, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 195, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 195, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 195,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.064, 174.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 195, 177) }
```

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

```
.background{ background-color: rgb(129,  
195, 177) }
```

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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