

Converting Colors

CIELCh(74, 27.823, 180.371)

Have a look what the booklet for
CIELCh(74, 27.823, 180.371)
contains.

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Color

CIELCh(74, 27.839, 180.223)

Conversions

Conversions Part 1

Format	Color
Hex	75C4B5
RGB	117, 196, 181
RGB Percent	46%, 77%, 71%
CMY	0.5404, 0.2306, 0.2895
CMYK	0.40, 0.00, 0.08, 0.23
HSL	169°, 40%, 61%
HSV	169°, 40%, 77%
XYZ	35.5034, 46.7039, 50.9593
YIQ	170.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

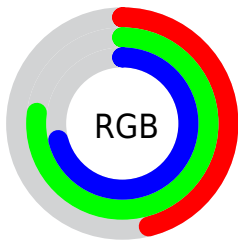
Format	Color
RYB	117, 161, 196
Decimal	7718069
CIELab	74.00, -27.84, -0.11
CIELCh	74, 27.839, 180.223
Yxy	46.7039, 0.2666, 0.3507
Android (android.graphics.Color)	4285908149 (0xFF75C4B5)
YUV	170.6690, 5.0932, -47.0677
Hunter-Lab	68.3403, -26.8632, 3.6275

Details

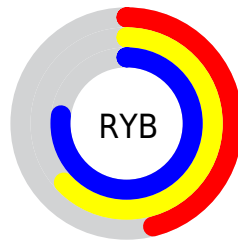
The CIELCh color **74, 27.839, 180.223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 33.221, 8.980**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 27.960, 180.421**, and **54, 28.015, 179.856** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.547, 179.111**, and if you desaturate by 10%, it is **75, 21.529, 181.256**.

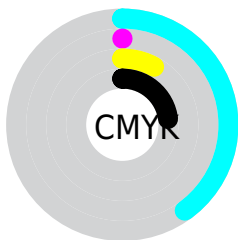
Distribution



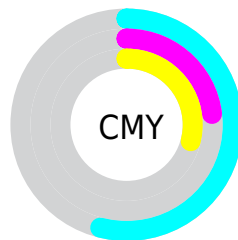
- Red (46%)
- Green (77%)
- Blue (71%)



- Red (46%)
- Yellow (63%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)




- Cyan (54%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.839, 180.223 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, 27.839, 180.223 by changing the saturation by 10% instead.

 74, 27.839,
180.223

 74, 27.839,
180.223

 100, 27.839,
180.223


 64, 27.839,
180.223


 94, 27.839,
180.223

 54, 27.839,
180.223

 44, 27.839,
180.223

 34, 27.839,
180.223

 24, 27.839,
180.223

 14, 27.839,
180.223

 4, 27.839, 180.223

0, 27.839, 180.223

74, 27.839,
180.223

74, 27.839,
180.223

73, 33.547,
179.111

75, 21.529,
181.256

72, 38.537,
177.906

76, 14.738,
182.234

72, 42.726,
176.583

78, 7.590, 183.185

71, 46.072,
175.118

79, 0.197, 186.561

81, 7.342, 4.770

71, 48.594,
173.495

83, 14.947, 5.618

71, 50.440,
171.795

85, 22.554, 6.417

■ 85, 23.154, 1.838

■ 85, 23.739,
357.333

Harmonies

Complementary

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



74, 27.839, 180.223



58, 33.221, 8.980

Rectangle

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



74, 27.839, 180.223



74, 27.839, 230.223



74, 27.839, 0.223



74, 27.839, 50.223

Sweetspot

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



74, 27.840, 180.221



98, 10.944, 183.002



73, 48.548, 136.572



52, 7.244, 182.876



0, 0.000, 0.000



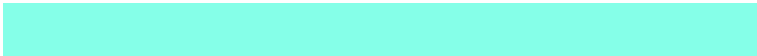
53, 0.007, 296.813

Same Dimension

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



74, 27.840, 180.221



93, 39.862, 179.285



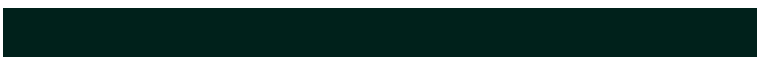
68, 21.458, 236.098



40, 4.154, 183.272



59, 43.340, 172.083



10, 14.226, 176.925

Inverse Universe

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



58, 33.221, 8.980



70, 49.535, 10.646



63, 27.633, 49.357



38, 4.314, 4.817



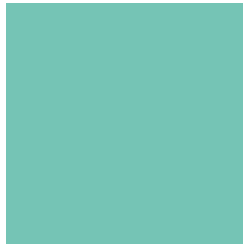
33, 65.851, 29.570



3, 14.261, 9.149

Previews

White Background



This preview shows how the CIELCh color 74, 27.839, 180.223 looks on a white background.

Color Contrast Check

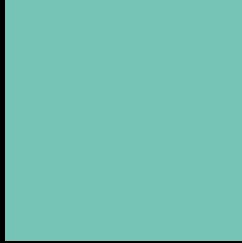
Large Text (above 18pt) WCAG AA × Fail

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, 27.839, 180.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

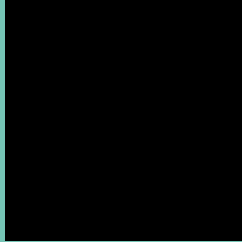
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

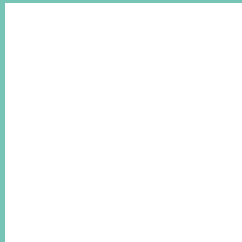
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 27.839, 180.223

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.839, 180.223.

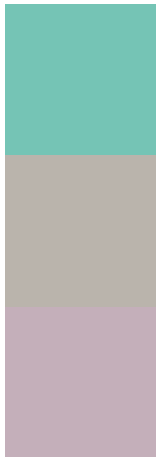


This preview shows how white text looks on a background with the CIELCh color 74, 27.839, 180.223.

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, 27.839, 180.223

Protanopia
74, 4.872, 81.739

Deuteranopia
74, 9.883, 343.226



Tritanopia
74, 22.824, 220.442

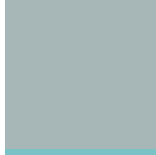
Trichromacy



Original Color
74, 27.839, 180.223



Protanomaly
73, 11.040, 165.869



Deuteranomaly
73, 5.823, 204.386

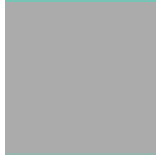


Tritanomaly
74, 23.300, 203.068

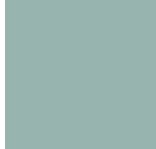
Monochromacy



Original Color
74, 27.839, 180.223



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.915, 184.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.839, 180.223 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(117, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(117, 196, 181)  
}
```

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(117, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 196, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.839, 180.223 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(117, 196, 181) }
```

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

```
.border{ border-color:rgb(117, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(117, 196,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.839, 180.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 196, 181) }
```

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

```
.background{ background-color: rgb(117,  
196, 181) }
```

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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