

Converting Colors

CIELCh(75, 27.057, 173.521)

Have a look what the booklet for
CIELCh(75, 27.057, 173.521)
contains.

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Color

CIELCh(75, 26.939, 173.651)

Conversions

Conversions Part 1

Format	Color
Hex	7FC6B2
RGB	127, 198, 178
RGB Percent	50%, 78%, 70%
CMY	0.5009, 0.2224, 0.3009
CMYK	0.36, 0.00, 0.10, 0.22
HSL	163°, 39%, 64%
HSV	163°, 36%, 78%
XYZ	37.1172, 48.2781, 49.6289
YIQ	174.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

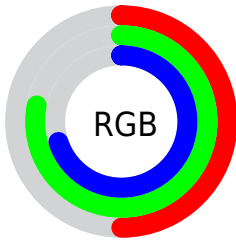
Format	Color
RYB	127, 168, 198
Decimal	8373938
CIELab	75.00, -26.77, 2.98
CIELCh	75, 26.939, 173.651
Yxy	48.2781, 0.2749, 0.3576
Android (android.graphics.Color)	4286564018 (0xFF7FC6B2)
YUV	174.4910, 1.7299, -41.6496
Hunter-Lab	69.4824, -26.2404, 6.2890

Details

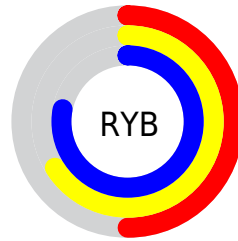
The CIELCh color **75, 26.939, 173.651** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 30.193, 1.419**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.884, 173.990**, and **55, 27.111, 172.994** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.600, 172.438**, and if you desaturate by 10%, it is **76, 19.794, 174.760**.

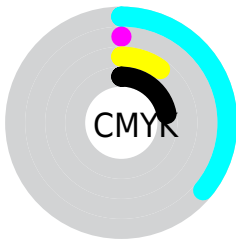
Distribution



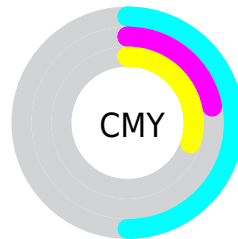
- Red (50%)
- Green (78%)
- Blue (70%)



- Red (50%)
- Yellow (66%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (50%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.939, 173.651 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 75, 26.939, 173.651 by changing the saturation by 10% instead.


 75, 26.939,
173.651


 75, 26.939,
173.651


 100, 26.939,
173.651


 65, 26.939,
173.651


 95, 26.939,
173.651

 55, 26.939,
173.651

 45, 26.939,
173.651

 35, 26.939,
173.651

 25, 26.939,
173.651

 15, 26.939,
173.651

 5, 26.939, 173.651

■ 0, 26.939, 173.651

■ 75, 26.939,
173.651

■ 75, 26.939,
173.651

■ 74, 33.600,
172.438

■ 76, 19.794,
174.760

■ 73, 39.645,
171.104

■ 78, 12.293,
175.796

■ 72, 44.964,
169.621

■ 79, 4.556, 176.813

■ 72, 49.481,
167.967

■ 81, 3.308, 357.456

■ 72, 53.176,
166.122

■ 82, 11.214,
358.403

■ 71, 56.105,
164.084

■ 84, 19.091,
359.224

■ 85, 23.091,

■ 71, 57.217,
163.223

355.745

■ 86, 24.325,
349.413

■ 86, 25.844,
343.787

Harmonies

Complementary

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



75, 26.939, 173.651



61, 30.193, 1.419

Rectangle

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



75, 26.939, 173.651



75, 26.939, 223.651



75, 26.939, 353.651



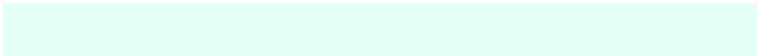
75, 26.939, 43.651

Sweetspot

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



75, 26.940, 173.649



98, 10.537, 176.262



75, 42.561, 134.486



52, 7.071, 176.124



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 26.940, 173.649



93, 38.916, 172.711



71, 19.666, 223.617



41, 4.446, 176.441



59, 49.269, 163.552



11, 16.452, 169.079

Inverse Universe

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



61, 30.193, 1.419



73, 44.768, 2.745



64, 25.244, 40.951



39, 4.576, 358.062



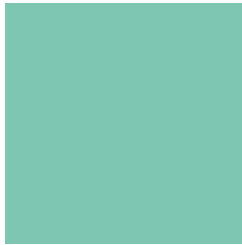
34, 63.154, 22.150



4, 16.447, 5.127

Previews

White Background



This preview shows how the CIELCh color 75, 26.939, 173.651 looks on a white background.

Color Contrast Check

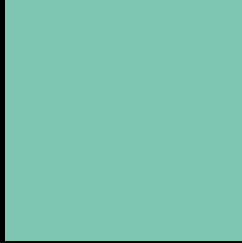
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.939, 173.651 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

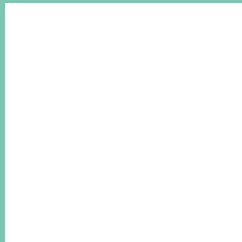
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 26.939, 173.651

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.939, 173.651.

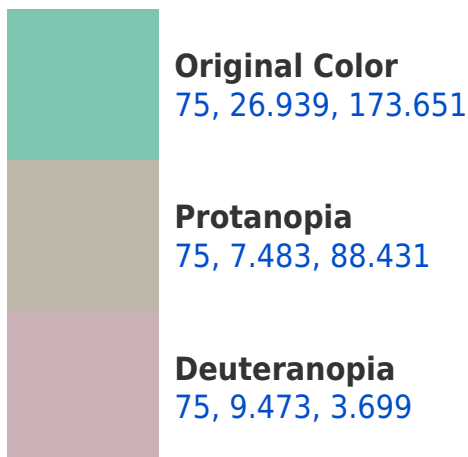


This preview shows how white text looks on a background with the CIELCh color 75, 26.939, 173.651.

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
75, 20.418, 221.669

Trichromacy



Original Color
75, 26.939, 173.651

Protanomaly
75, 11.974, 152.427

Deuteranomaly
74, 4.305, 169.040

Tritanomaly
75, 21.153, 200.791

Monochromacy



Original Color
75, 26.939, 173.651

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.962, 176.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.939, 173.651 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(127, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(127, 198, 178)  
}
```

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(127, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 198, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.939, 173.651 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(127, 198, 178) }
```

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

```
.border{ border-color:rgb(127, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(127, 198,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.939, 173.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 198, 178) }
```

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

```
.background{ background-color: rgb(127,  
198, 178) }
```

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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