

Converting Colors

CIELCh(77, 29.083, 177.201)

Have a look what the booklet for
CIELCh(77, 29.083, 177.201)
contains.

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Color

CIELCh(77, 28.991, 177.698)

Conversions

Conversions Part 1

Format	Color
Hex	7CCDBB
RGB	124, 205, 187
RGB Percent	49%, 80%, 73%
CMY	0.5137, 0.1961, 0.2667
CMYK	0.40, 0.00, 0.09, 0.20
HSL	167°, 45%, 65%
HSV	167°, 40%, 80%
XYZ	39.1100, 51.5317, 54.8957
YIQ	178.7290, -42.4980, -22.7700

Conversions

Conversions Part 2

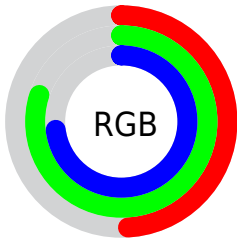
Format	Color
RYB	124, 170, 205
Decimal	8179131
CIELab	77.00, -28.97, 1.16
CIELCh	77, 28.991, 177.698
Yxy	51.5317, 0.2687, 0.3541
Android (android.graphics.Color)	4286369211 (0xFF7CCDBB)
YUV	178.7290, 4.0776, -47.9973
Hunter-Lab	71.7856, -28.3751, 4.9098

Details

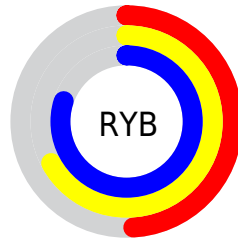
The CIELCh color **77, 28.991, 177.698** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 33.901, 6.434**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.479, 183.738**, and **57, 28.817, 178.160** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.172, 176.522**, and if you desaturate by 10%, it is **78, 22.217, 178.781**.

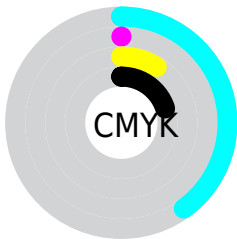
Distribution



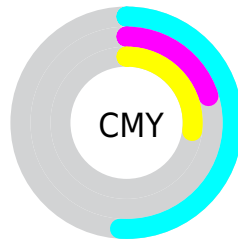
- Red (49%)
- Green (80%)
- Blue (73%)



- Red (49%)
- Yellow (67%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 28.991, 177.698 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 77, 28.991, 177.698 by changing the saturation by 10% instead.

 77, 28.991,
177.698

 77, 28.991,
177.698

 100, 28.991,
177.698

 67, 28.991,
177.698

 97, 28.991,
177.698

 57, 28.991,
177.698

 47, 28.991,
177.698

 37, 28.991,
177.698

 27, 28.991,
177.698

 17, 28.991,
177.698

 7, 28.991, 177.698

0, 28.991, 177.698

77, 28.991,
177.698

77, 28.991,
177.698

76, 35.172,
176.522

78, 22.217,
178.781

75, 40.635,
175.238

79, 14.979,
179.799

75, 45.286,
173.820

81, 7.406, 180.782

74, 49.074,
172.244

82, 0.387, 0.286

74, 52.013,
170.493

84, 8.299, 2.406

74, 54.266,
168.595

86, 16.249, 3.258
87, 19.746,
359.530

■ 74, 54.371,
168.504

■ 87, 20.608,
353.303

■ 87, 21.705,
347.660

Harmonies

Complementary

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



77, 28.991, 177.698



61, 33.901, 6.434

Rectangle

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



77, 28.991, 177.698



77, 28.991, 227.698



77, 28.991, 357.698



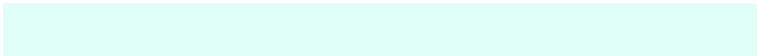
77, 28.991, 47.698

Sweetspot

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



77, 28.992, 177.696



98, 11.116, 180.522



77, 48.887, 135.700



52, 7.361, 180.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 28.992, 177.696



93, 40.126, 176.755



71, 21.792, 231.176



42, 4.399, 180.794



61, 46.227, 168.825



13, 16.241, 173.459

Inverse Universe

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



61, 33.901, 6.434



70, 48.557, 7.980



66, 28.370, 45.955



40, 4.554, 2.389



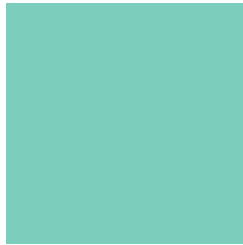
34, 66.100, 27.238



4, 18.278, 8.599

Previews

White Background



This preview shows how the CIELCh color 77, 28.991, 177.698 looks on a white background.

Color Contrast Check

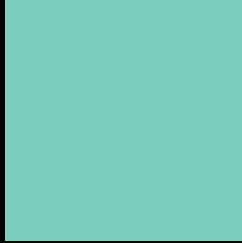
Large Text (above 18pt) WCAG AA × Fail

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 77, 28.991, 177.698 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

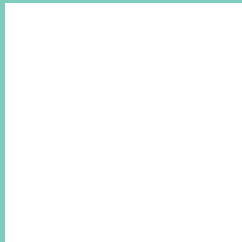
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 28.991, 177.698

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.991, 177.698.

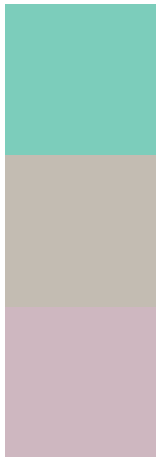


This preview shows how white text looks on a background with the CIELCh color 77, 28.991, 177.698.

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](#).

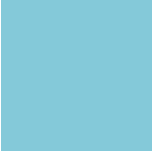
Dichromacy



Original Color
77, 28.991, 177.698

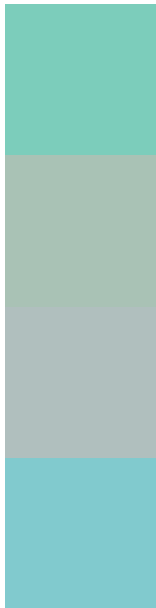
Protanopia
77, 5.963, 83.189

Deuteranopia
77, 9.862, 350.935



Tritanopia
77, 23.050, 220.030

Trichromacy



Original Color
77, 28.991, 177.698

Protanomaly
76, 11.610, 161.551

Deuteranomaly
76, 5.475, 193.420

Tritanomaly
77, 23.546, 203.002

Monochromacy



Original Color
77, 28.991, 177.698

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.020, 181.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.991, 177.698 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(124, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(124, 205, 187)  
}
```

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(124, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 205, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.991, 177.698 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(124, 205, 187) }
```

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

```
.border{ border-color:rgb(124, 205, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 205, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(124, 205,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.991, 177.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 205, 187) }
```

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

```
.background{ background-color: rgb(124,  
205, 187) }
```

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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