

Converting Colors

CIELCh(77, 42.744, 179.378)

Have a look what the booklet for
CIELCh(77, 42.744, 179.378)
contains.

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Color

CIELCh(77, 42.655, 179.419)

Conversions

Conversions Part 1

Format	Color
Hex	47D3BC
RGB	71, 211, 188
RGB Percent	28%, 83%, 74%
CMY	0.7218, 0.1727, 0.2629
CMYK	0.66, 0.00, 0.11, 0.17
HSL	170°, 61%, 55%
HSV	170°, 66%, 83%
XYZ	34.9493, 51.5317, 55.6565
YIQ	166.5180, -76.0570, -36.8330

Conversions

Conversions Part 2

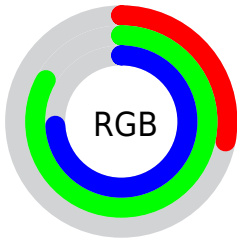
Format	Color
RYB	71, 147, 211
Decimal	4707260
CIELab	77.00, -42.65, 0.43
CIElCh	77, 42.655, 179.419
Yxy	51.5317, 0.2459, 0.3625
Android (android.graphics.Color)	4282897340 (0xFF47D3BC)
YUV	166.5180, 10.5906, -83.7693
Hunter-Lab	71.7856, -38.7209, 4.2815

Details

The CIELCh color **77, 42.655, 179.419** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **51, 59.139, 17.447**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.826, 188.179**, and **58, 39.620, 178.218** is the 20% darker color. If you saturate the color by 10%, you get **77, 46.313, 178.106**, and if you desaturate by 10%, it is **78, 38.097, 180.612**.

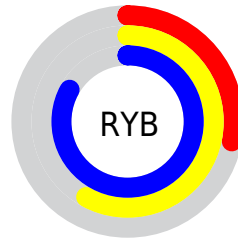
Distribution



Red (28%)

Green (83%)

Blue (74%)



Red (28%)

Yellow (58%)

Blue (83%)

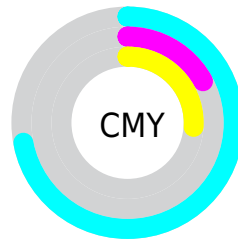


Cyan (66%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (72%)

Magenta (17%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 42.655, 179.419 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, 42.655, 179.419 by changing the saturation by 10% instead.


 77, 42.655,
179.419


 77, 42.655,
179.419


 100, 42.655,
179.419


 67, 42.655,
179.419

 97, 42.655,
179.419

 57, 42.655,
179.419

 47, 42.655,
179.419

 37, 42.655,
179.419

 27, 42.655,
179.419

 17, 42.655,
179.419

 7, 42.655, 179.419

0, 42.655, 179.419

77, 42.655,
179.419

77, 42.655,
179.419

77, 46.313,
178.106

78, 38.097,
180.612

76, 49.069,
176.656

78, 32.697,
181.711

76, 51.003,
175.055

79, 26.557,
182.736

76, 51.604,
174.463

81, 19.801,
183.705

82, 12.561,
184.635

83, 4.965, 185.578

■ 85, 2.871, 6.127

■ 87, 10.848, 7.085

■ 88, 16.763, 6.024

Harmonies

Complementary

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



77, 42.655, 179.419



51, 59.139, 17.447

Rectangle

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



77, 42.655, 179.419



77, 42.655, 229.419



77, 42.655, 359.419



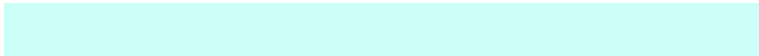
77, 42.655, 49.419

Sweetspot

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



77, 42.655, 179.418



96, 17.765, 184.280



76, 81.828, 135.579



51, 12.045, 184.016



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, 42.655, 179.418



91, 54.991, 177.471



64, 34.436, 247.735



43, 4.374, 185.281



62, 43.476, 174.748



14, 15.995, 178.379

Inverse Universe

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



51, 59.139, 17.447



56, 81.558, 23.116



59, 52.517, 51.661



41, 4.557, 6.799



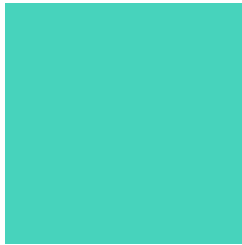
35, 69.443, 31.615



4, 20.143, 11.843

Previews

White Background



This preview shows how the CIELCh color 77, 42.655, 179.419 looks on a white background.

Color Contrast Check

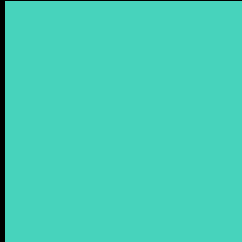
Large Text (above 18pt) WCAG AA × Fail

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 77, 42.655, 179.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

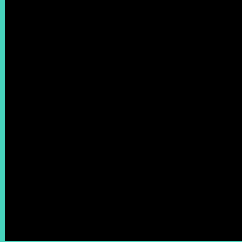
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

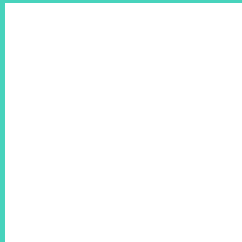
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 42.655, 179.419

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.655, 179.419.

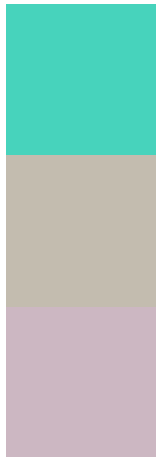


This preview shows how white text looks on a background with the CIELCh color 77, 42.655, 179.419.

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](#).

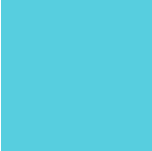
Dichromacy



Original Color
77, 42.655, 179.419

Protanopia
76, 7.445, 88.462

Deuteranopia
76, 9.805, 343.191

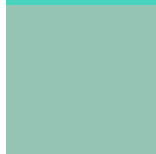


Tritanopia
77, 33.679, 213.116

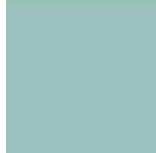
Trichromacy



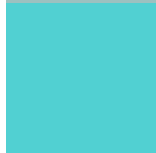
Original Color
77, 42.655, 179.419



Protanomaly
76, 18.715, 170.503



Deuteranomaly
75, 13.003, 196.046

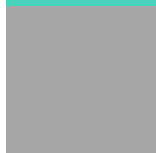


Tritanomaly
77, 35.701, 198.635

Monochromacy



Original Color
77, 42.655, 179.419



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 18.526, 184.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.655, 179.419 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(71, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(71, 211, 188)  
}
```

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(71, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 211, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.655, 179.419 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(71, 211, 188) }
```

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

```
.border{ border-color:rgb(71, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 211, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 211, 188); box-shadow:4px 4px 4px 4px rgb(71, 211, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.655, 179.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 211, 188) }
```

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

```
.background{ background-color: rgb(71, 211,  
188) }
```

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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