

Converting Colors

CIELCh(77, 42.465, 181.781)

Have a look what the booklet for
CIELCh(77, 42.465, 181.781)
contains.

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Color

CIELCh(77, 42.483, 181.622)

Conversions

Conversions Part 1

Format	Color
Hex	43D3BF
RGB	67, 211, 191
RGB Percent	26%, 83%, 75%
CMY	0.7373, 0.1726, 0.2510
CMYK	0.68, 0.00, 0.09, 0.17
HSL	172°, 62%, 55%
HSV	172°, 68%, 83%
XYZ	35.0040, 51.5317, 57.3812
YIQ	165.6640, -79.4040, -36.7480

Conversions

Conversions Part 2

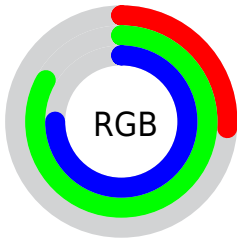
Format	Color
RYB	67, 144, 211
Decimal	4445119
CIELab	77.00, -42.47, -1.20
CIELCh	77, 42.483, 181.622
Yxy	51.5317, 0.2432, 0.3581
Android (android.graphics.Color)	4282635199 (0xFF43D3BF)
YUV	165.6640, 12.4906, -86.5283
Hunter-Lab	71.7856, -38.5848, 2.8570

Details

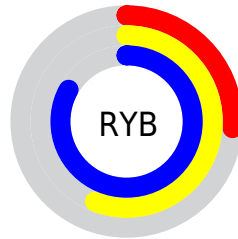
The CIELCh color **77, 42.483, 181.622** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **50, 61.195, 20.033**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.792, 190.630**, and **58, 38.743, 180.522** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.767, 180.411**, and if you desaturate by 10%, it is **78, 38.282, 182.729**.

Distribution



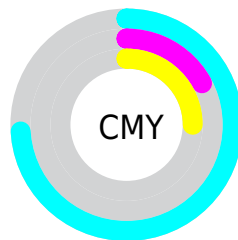
- Red (26%)
- Green (83%)
- Blue (75%)



- Red (26%)
- Yellow (56%)
- Blue (83%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)




- Cyan (74%)
- Magenta (17%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 42.483, 181.622 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, 42.483, 181.622 by changing the saturation by 10% instead.


 77, 42.483,
181.622

 77, 42.483,
181.622


 100, 42.483,
181.622


 67, 42.483,
181.622

 97, 42.483,
181.622

 57, 42.483,
181.622

 47, 42.483,
181.622

 37, 42.483,
181.622

 27, 42.483,
181.622

 17, 42.483,
181.622

 7, 42.483, 181.622

0, 42.483, 181.622

77, 42.483,
181.622

77, 42.483,
181.622

77, 45.767,
180.411

78, 38.282,
182.729

76, 48.150,
179.078

78, 33.211,
183.756

76, 49.757,
177.621

79, 27.360,
184.721

76, 50.009,
177.366

80, 20.848,
185.640

82, 13.805,
186.529

83, 6.360, 187.422

■ 85, 1.368, 7.758

■ 87, 9.277, 8.902

■ 88, 16.590, 9.187

Harmonies

Complementary

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



77, 42.483, 181.622



50, 61.195, 20.033

Rectangle

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



77, 42.483, 181.622



77, 42.483, 231.622



77, 42.483, 1.622



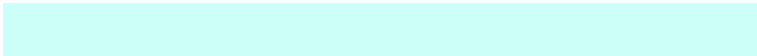
77, 42.483, 51.622

Sweetspot

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



77, 42.483, 181.621



96, 17.563, 186.356



76, 84.009, 135.798



51, 11.902, 186.104



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, 42.483, 181.621



91, 54.199, 179.809



63, 35.707, 250.989



43, 4.332, 187.316



62, 42.152, 177.621



14, 15.618, 180.857

Inverse Universe

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



50, 61.195, 20.033



56, 84.285, 25.958



59, 54.006, 53.025



41, 4.527, 8.780



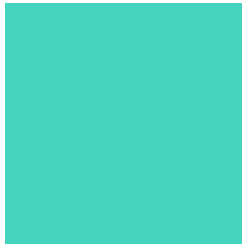
35, 70.614, 33.279



4, 20.103, 13.012

Previews

White Background



This preview shows how the CIELCh color 77, 42.483, 181.622 looks on a white background.

Color Contrast Check

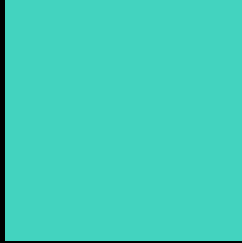
Large Text (above 18pt) WCAG AA × Fail

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, 42.483, 181.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

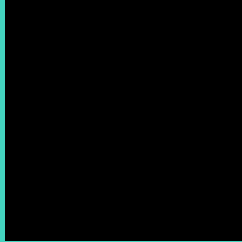
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

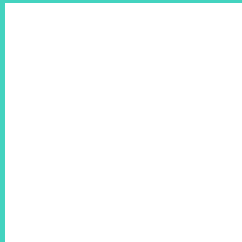
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 42.483, 181.622

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.483, 181.622.

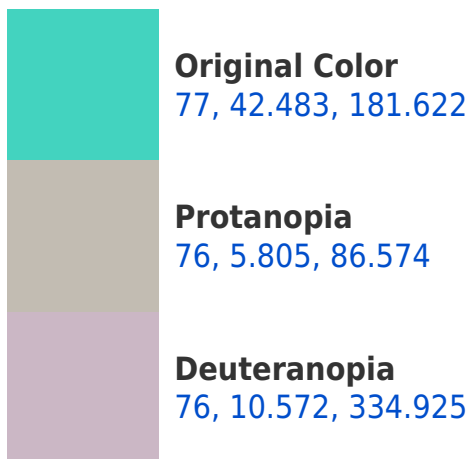


This preview shows how white text looks on a background with the CIELCh color 77, 42.483, 181.622.

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



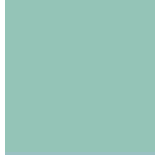


Tritanopia
77, 34.335, 212.764

Trichromacy



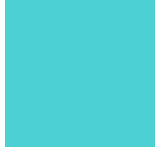
Original Color
77, 42.483, 181.622



Protanomaly
76, 18.512, 175.689



Deuteranomaly
75, 13.548, 203.003



Tritanomaly
77, 36.258, 199.438

Monochromacy



Original Color
77, 42.483, 181.622



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 18.654, 185.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.483, 181.622 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(67, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(67, 211, 191)  
}
```

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(67, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 211, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.483, 181.622 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(67, 211, 191) }
```

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

```
.border{ border-color:rgb(67, 211, 191) }
```

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

Here you see how a box with a 4 pixel rgb(67, 211, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(67, 211,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.483, 181.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 211, 191) }
```

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

```
.background{ background-color: rgb(67, 211,  
191) }
```

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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