

Converting Colors

CIELCh(77, 43.429, 193.411)

Have a look what the booklet for
CIELCh(77, 43.429, 193.411)
contains.

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Color

CIELCh(77, 43.318, 193.494)

Conversions

Conversions Part 1

Format	Color
Hex	18D3CF
RGB	24, 211, 207
RGB Percent	9%, 83%, 81%
CMY	0.9042, 0.1708, 0.1865
CMYK	0.88, 0.00, 0.02, 0.17
HSL	179°, 79%, 46%
HSV	179°, 88%, 83%
XYZ	35.1049, 51.5317, 67.4035
YIQ	154.6310, -110.1680, -40.8880

Conversions

Conversions Part 2

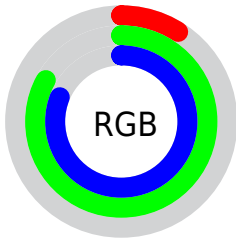
Format	Color
RYB	24, 119, 211
Decimal	1627087
CIELab	77.00, -42.12, -10.11
CIELCh	77, 43.318, 193.494
Yxy	51.5317, 0.2279, 0.3345
Android (android.graphics.Color)	4279817167 (0xFF18D3CF)
YUV	154.6310, 25.8179, -114.5634
Hunter-Lab	71.7856, -38.3341, -5.4208

Details

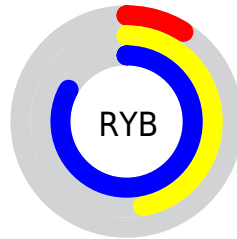
The CIELCh color **77, 43.318, 193.494** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 82.887, 35.885**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.818, 196.983**, and **58, 35.219, 193.514** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.135, 193.169**, and if you desaturate by 10%, it is **77, 41.725, 193.831**.

Distribution



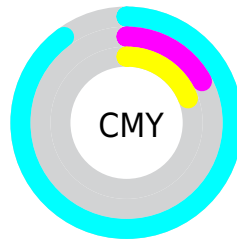
- Red (9%)
- Green (83%)
- Blue (81%)



- Red (9%)
- Yellow (47%)
- Blue (83%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (90%)
- Magenta (17%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 43.318, 193.494 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, 43.318, 193.494 by changing the saturation by 10% instead.

 77, 43.318,
193.494

 77, 43.318,
193.494

 100, 43.318,
193.494

 67, 43.318,
193.494

 97, 43.318,
193.494


 57, 43.318,
193.494

 47, 43.318,
193.494

 37, 43.318,
193.494

 27, 43.318,
193.494

 17, 43.318,
193.494

 7, 43.318, 193.494

■ 0, 43.318, 193.494

■ 77, 43.318,
193.494

■ 77, 43.318,
193.494

■ 77, 44.135,
193.169

■ 77, 41.725,
193.831

■ 77, 44.236,
193.119

■ 78, 39.215,
194.194

■ 78, 35.753,
194.590

■ 79, 31.364,
195.024

■ 80, 26.118,
195.499

■ 81, 20.118,
196.015

■ 82, 13.483,
196.576

■ 83, 6.338, 197.202

■ 85, 1.197, 17.237

Harmonies

Complementary

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



77, 43.318, 193.494



45, 82.887, 35.885

Rectangle

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



77, 43.318, 193.494



77, 43.318, 243.494



77, 43.318, 13.494



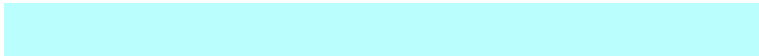
77, 43.318, 63.494

Sweetspot

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



77, 43.317, 193.493



96, 22.325, 196.078



74, 100.485, 136.262



51, 14.853, 195.893



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, 43.317, 193.493



91, 50.959, 193.085



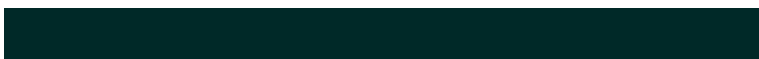
51, 52.596, 275.647



43, 4.212, 197.136



62, 37.313, 193.170



14, 14.221, 193.785

Inverse Universe

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



45, 82.887, 35.885



53, 103.733, 39.411



58, 68.930, 60.393



41, 4.459, 18.191



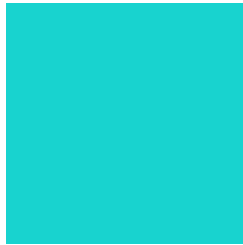
35, 75.561, 38.992



4, 20.016, 18.466

Previews

White Background



This preview shows how the CIELCh color 77, 43.318, 193.494 looks on a white background.

Color Contrast Check

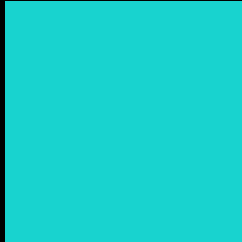
Large Text (above 18pt) WCAG AA × Fail

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, 43.318, 193.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

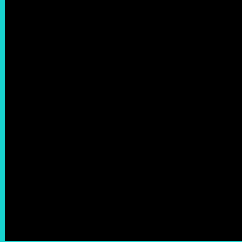
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

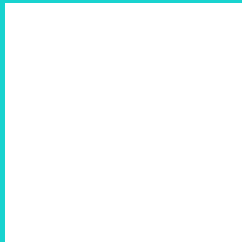
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 43.318, 193.494

Background



This preview shows how black text looks on a background with the CIELCh color 77, 43.318, 193.494.

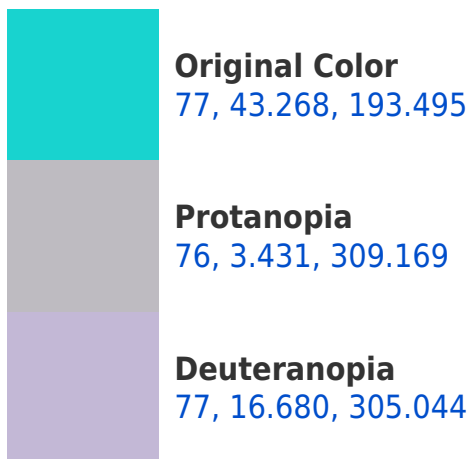


This preview shows how white text looks on a background with the CIELCh color 77, 43.318, 193.494.

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](#).

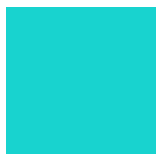
Dichromacy



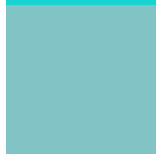


Tritanopia
77, 39.330, 210.417

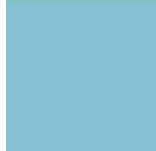
Trichromacy



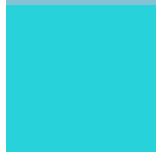
Original Color
77, 43.268, 193.495



Protanomaly
75, 21.721, 200.673

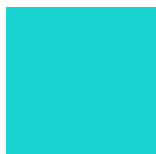


Deuteranomaly
75, 21.401, 225.350

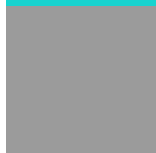


Tritanomaly
77, 40.532, 203.581

Monochromacy



Original Color
77, 43.268, 193.495



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 22.697, 194.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 43.318, 193.494 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(24, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(24, 211, 207)  
}
```

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(24, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 211, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 43.318, 193.494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

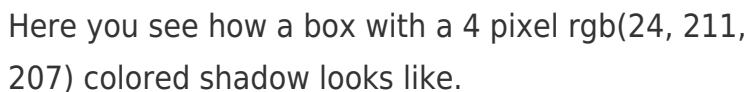
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(24, 211, 207) }
```

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

```
.border{ border-color:rgb(24, 211, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(24, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(24, 211,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 43.318, 193.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 211, 207) }
```

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

```
.background{ background-color: rgb(24, 211,  
207) }
```

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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