

Converting Colors

CIELCh(77, 44.465, 192.333)

Have a look what the booklet for
CIELCh(77, 44.465, 192.333)
contains.

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Color

CIELCh(77, 44.527, 192.095)

Conversions

Conversions Part 1

Format	Color
Hex	02D4CE
RGB	2, 212, 206
RGB Percent	1%, 83%, 81%
CMY	0.9929, 0.1688, 0.1923
CMYK	0.99, 0.00, 0.03, 0.17
HSL	178°, 98%, 42%
HSV	178°, 99%, 83%
XYZ	34.6907, 51.5317, 66.4847
YIQ	148.5260, -123.2340, -46.3860

Conversions

Conversions Part 2

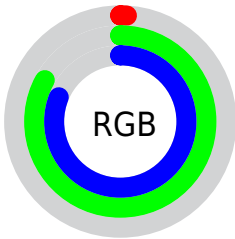
Format	Color
R _Y B	2, 109, 212
Decimal	185550
CIE Lab	77.00, -43.54, -9.33
CIE LCh	77, 44.527, 192.095
Yxy	51.5317, 0.2272, 0.3375
Android (android.graphics.Color)	4278375630 (0xFF02D4CE)
YUV	148.5260, 28.3347, -128.5033
Hunter-Lab	71.7856, -39.3639, -4.6618

Details

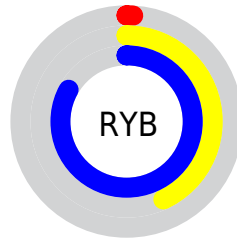
The CIELCh color **77, 44.527, 192.095** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 89.322, 38.827**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.542, 196.941**, and **58, 35.756, 191.673** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.585, 192.059**, and if you desaturate by 10%, it is **77, 43.710, 192.505**.

Distribution



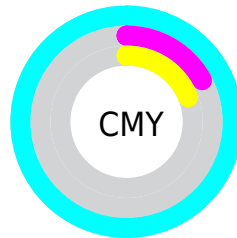
- Red (1%)
- Green (83%)
- Blue (81%)



- Red (1%)
- Yellow (43%)
- Blue (83%)



- Cyan (99%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)




- Cyan (99%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 44.527, 192.095 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, 44.527, 192.095 by changing the saturation by 10% instead.

 77, 44.527,
192.095

 77, 44.527,
192.095


 100, 44.527,
192.095

 67, 44.527,
192.095


 97, 44.527,
192.095

 57, 44.527,
192.095

 47, 44.527,
192.095

 37, 44.527,
192.095

 27, 44.527,
192.095

 17, 44.527,
192.095

 7, 44.527, 192.095

■ 0, 44.527, 192.095

■ 77, 44.527,
192.095

■ 77, 44.527,
192.095

■ 77, 44.585,
192.059

■ 77, 43.710,
192.505

■ 77, 42.142,
192.918

■ 78, 39.659,
193.344

■ 78, 36.223,
193.792

■ 79, 31.856,
194.268

■ 80, 26.629,
194.778

■ 81, 20.642,
195.323

■ 82, 14.016,
195.906

■ 83, 6.876, 196.546

Harmonies

Complementary

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



77, 44.527, 192.095



44, 89.322, 38.827

Rectangle

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



77, 44.527, 192.095



77, 44.527, 242.095



77, 44.527, 12.095



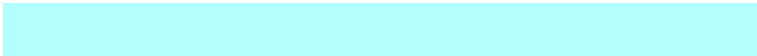
77, 44.527, 62.095

Sweetspot

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



77, 44.526, 192.094



95, 24.577, 195.257



74, 103.829, 135.929



50, 16.491, 195.022



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, 44.526, 192.094



91, 51.270, 192.014



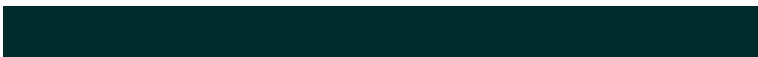
48, 58.738, 280.683



44, 4.300, 196.526



63, 37.955, 192.121



15, 14.820, 192.885

Inverse Universe

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



44, 89.322, 38.827



53, 103.466, 39.221



55, 74.961, 57.750



42, 4.549, 17.617



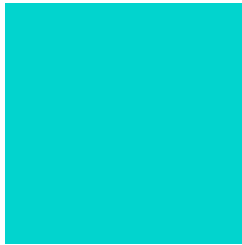
35, 76.141, 38.729



5, 21.978, 18.494

Previews

White Background



This preview shows how the CIELCh color 77, 44.527, 192.095 looks on a white background.

Color Contrast Check

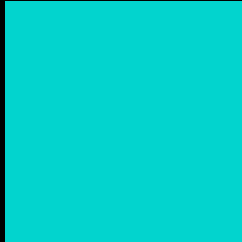
Large Text (above 18pt) WCAG AA × Fail

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, 44.527, 192.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

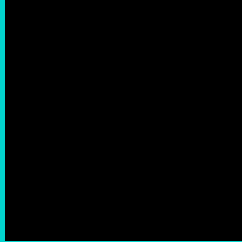
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

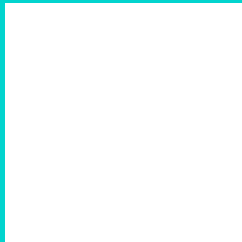
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 44.527, 192.095

Background



This preview shows how black text looks on a background with the CIELCh color 77, 44.527, 192.095.

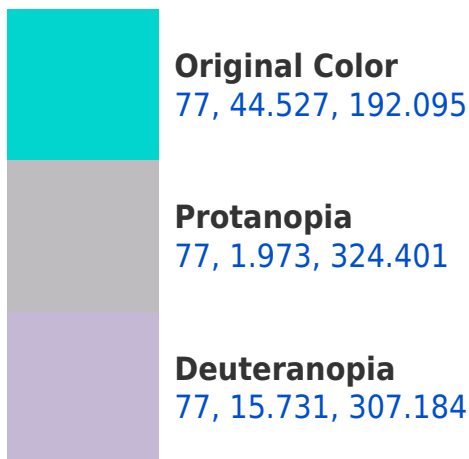


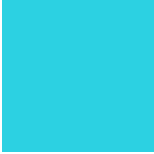
This preview shows how white text looks on a background with the CIELCh color 77, 44.527, 192.095.

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, 39.585, 210.312

Trichromacy



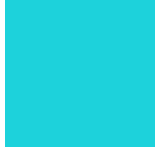
Original Color
77, 44.527, 192.095



Protanomaly
75, 24.420, 196.306



Deuteranomaly
75, 23.065, 220.142



Tritanomaly
77, 41.198, 203.427

Monochromacy



Original Color
77, 44.527, 192.095



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 24.827, 194.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 44.527, 192.095 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(2, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(2, 212, 206)  
}
```

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(2, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 212, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 44.527, 192.095 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(2, 212, 206) }
```

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

```
.border{ border-color:rgb(2, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(2, 212,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 44.527, 192.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 212, 206) }
```

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

```
.background{ background-color: rgb(2, 212,  
206) }
```

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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