

Converting Colors

CIELCh(78, 43.883, 196.527)

Have a look what the booklet for
CIELCh(78, 43.883, 196.527)
contains.

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Color

CIELCh(78, 43.711, 197.117)

Conversions

Conversions Part 1

Format	Color
Hex	04D6D7
RGB	4, 214, 215
RGB Percent	2%, 84%, 84%
CMY	0.9840, 0.1595, 0.1556
CMYK	0.98, 0.00, 0.00, 0.16
HSL	180°, 96%, 43%
HSV	180°, 98%, 84%
XYZ	36.4900, 53.2120, 72.8608
YIQ	151.3240, -125.4810, -44.2090

Conversions

Conversions Part 2

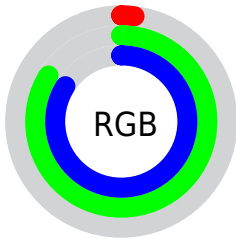
Format	Color
R_{YB}	4, 109, 215
Decimal	317143
CIE Lab	78.00, -41.77, -12.87
CIE LCh	78, 43.711, 197.117
Yxy	53.2120, 0.2245, 0.3273
Android (android.graphics.Color)	4278507223 (0xFF04D6D7)
YUV	151.3240, 31.3923, -129.2031
Hunter-Lab	72.9466, -38.3654, -8.1577

Details

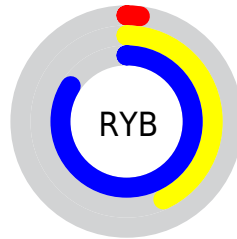
The CIELCh color **78, 43.711, 197.117** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 90.935, 39.567**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.363, 196.951**, and **59, 34.752, 198.321** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.810, 197.121**, and if you desaturate by 10%, it is **78, 42.990, 197.101**.

Distribution



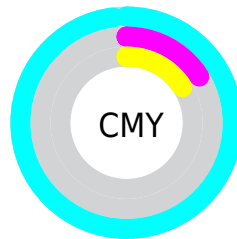
- Red (2%)
- Green (84%)
- Blue (84%)



- Red (2%)
- Yellow (43%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (98%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.711, 197.117 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 78, 43.711, 197.117 by changing the saturation by 10% instead.

 78, 43.711,
197.117

 78, 43.711,
197.117

 100, 43.711,
197.117


 68, 43.711,
197.117


 98, 43.711,
197.117


 58, 43.711,
197.117

 48, 43.711,
197.117

 38, 43.711,
197.117

 28, 43.711,
197.117

 18, 43.711,
197.117

 8, 43.711, 197.117

■ 0, 43.711, 197.117

■ 78, 43.711,
197.117

■ 78, 43.711,
197.117

■ 78, 43.810,
197.121

■ 78, 42.990,
197.101

■ 78, 41.474,
197.148

■ 79, 39.028,
197.265

■ 79, 35.614,
197.456

■ 80, 31.255,
197.719

■ 81, 26.019,
198.053

■ 82, 20.007,
198.452

■ 83, 13.339,
198.915

■ 85, 6.141, 199.463

Harmonies

Complementary

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



78, 43.711, 197.117



45, 90.935, 39.567

Rectangle

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



78, 43.711, 197.117



78, 43.711, 247.117



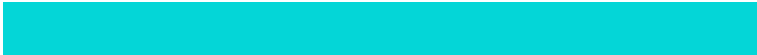
78, 43.711, 17.117



78, 43.711, 67.117

Sweetspot

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



78, 43.710, 197.116



95, 23.572, 198.402



75, 105.007, 136.078



50, 15.896, 198.225



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 43.710, 197.116



91, 49.770, 197.129



47, 62.970, 283.746



44, 4.267, 199.383



63, 36.873, 197.110



15, 14.478, 196.977

Inverse Universe

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



51, 101.007, 328.407



60, 115.134, 328.424



58, 74.268, 60.660



42, 7.823, 325.062



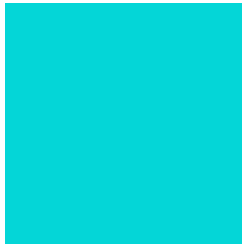
40, 85.293, 328.419



6, 32.840, 328.194

Previews

White Background



This preview shows how the CIE LCh color 78, 43.711, 197.117 looks on a white background.

Color Contrast Check

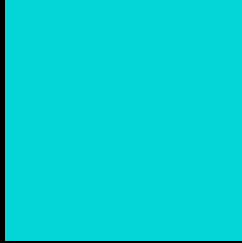
Large Text (above 18pt) WCAG AA × Fail

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 78, 43.711, 197.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

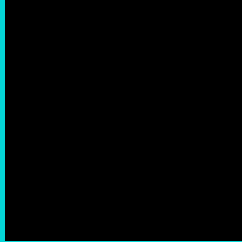
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

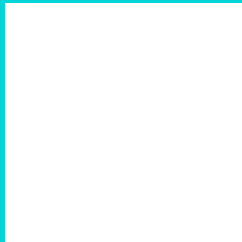
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 43.711, 197.117

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.711, 197.117.

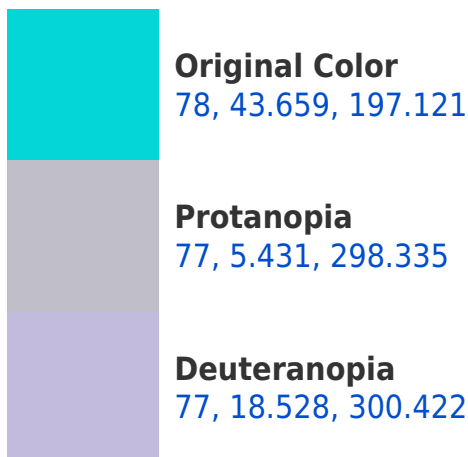


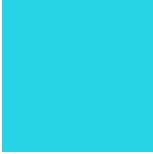
This preview shows how white text looks on a background with the CIELCh color 78, 43.711, 197.117.

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



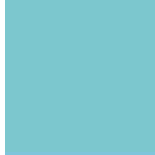


Tritanopia
78, 40.528, 209.922

Trichromacy



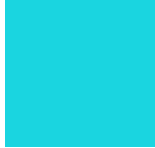
Original Color
78, 43.659, 197.121



Protanomaly
76, 24.034, 206.811



Deuteranomaly
76, 24.451, 227.262



Tritanomaly
78, 41.687, 204.850

Monochromacy



Original Color
78, 43.659, 197.121



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 24.874, 197.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.711, 197.117 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(4, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(4, 214, 215)  
}
```

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(4, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 214, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.711, 197.117 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(4, 214, 215) }
```

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

```
.border{ border-color:rgb(4, 214, 215) }
```

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

Here you see how a box with a 4 pixel rgb(4, 214, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(4, 214,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.711, 197.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 214, 215) }
```

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

```
.background{ background-color: rgb(4, 214,  
215) }
```

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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