

Converting Colors

CIELCh(79, 47.531, 186.304)

Have a look what the booklet for
CIELCh(79, 47.531, 186.304)
contains.

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Color

CIELCh(79, 47.472, 186.332)

Conversions

Conversions Part 1

Format	Color
Hex	00DBCC
RGB	0, 219, 204
RGB Percent	0%, 86%, 80%
CMY	1.0000, 0.1418, 0.2006
CMYK	1.00, 0.00, 0.07, 0.14
HSL	176°, 100%, 43%
HSV	176°, 100%, 86%
XYZ	36.1605, 54.9284, 65.7282
YIQ	151.8090, -125.7090, -51.0930

Conversions

Conversions Part 2

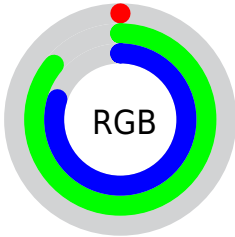
Format	Color
RYB	0, 113, 219
Decimal	56268
CIELab	79.00, -47.18, -5.24
CIELCh	79, 47.472, 186.332
Yxy	54.9284, 0.2306, 0.3503
Android (android.graphics.Color)	4278246348 (0xFF00DBCC)
YUV	151.8090, 25.7302, -133.1365
Hunter-Lab	74.1137, -42.6077, -0.7022

Details

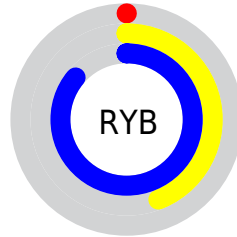
The CIELCh color **79, 47.472, 186.332** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **46, 90.396, 37.721**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.542, 196.941**, and **60, 38.492, 185.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.449, 186.328**, and if you desaturate by 10%, it is **79, 46.433, 187.194**.

Distribution



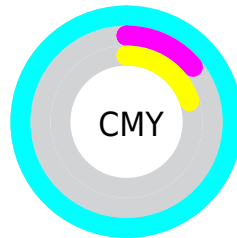
- Red (0%)
- Green (86%)
- Blue (80%)



- Red (0%)
- Yellow (44%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)




- Cyan (100%)
- Magenta (14%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 47.472, 186.332 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 79, 47.472, 186.332 by changing the saturation by 10% instead.


 79, 47.472,
186.332

 79, 47.472,
186.332


 100, 47.472,
186.332


 69, 47.472,
186.332

 99, 47.472,
186.332

 59, 47.472,
186.332

 49, 47.472,
186.332

 39, 47.472,
186.332

 29, 47.472,
186.332

 19, 47.472,
186.332

 9, 47.472, 186.332

■ 0, 47.472, 186.332

■ 79, 47.472,
186.332

■ 79, 47.472,
186.332

■ 79, 47.449,
186.328

■ 79, 46.433,
187.194

■ 79, 44.678,
188.008

■ 80, 41.991,
188.774

■ 80, 38.331,
189.506

■ 81, 33.725,
190.218

■ 82, 28.248,
190.923

■ 83, 22.008,
191.629

■ 84, 15.133,
192.343

■ 86, 7.754, 193.086

Harmonies

Complementary

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



79, 47.472, 186.332



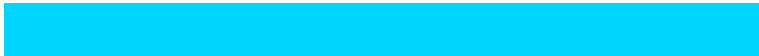
46, 90.396, 37.721

Rectangle

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



79, 47.472, 186.332



79, 47.472, 236.332



79, 47.472, 6.332



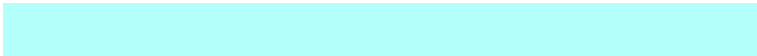
79, 47.472, 56.332

Sweetspot

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



79, 47.449, 186.328



95, 24.891, 191.611



77, 106.263, 135.705



50, 16.723, 191.310



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 47.449, 186.328



91, 53.288, 186.246



52, 54.817, 275.187



45, 4.415, 193.131



64, 39.840, 186.475



16, 15.814, 188.096

Inverse Universe

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



46, 90.396, 37.721



53, 101.848, 38.021



55, 79.307, 53.820



43, 4.651, 14.391



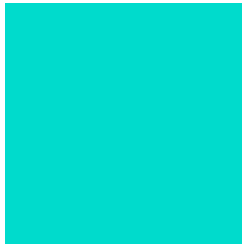
36, 75.420, 37.126



5, 23.751, 17.313

Previews

White Background



This preview shows how the CIELCh color 79, 47.472, 186.332 looks on a white background.

Color Contrast Check

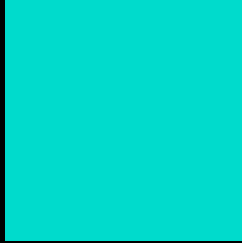
Large Text (above 18pt) WCAG AA × Fail

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 79, 47.472, 186.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

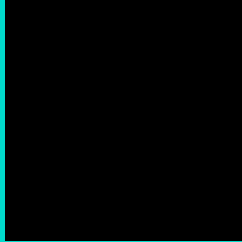
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 47.472, 186.332

Background



This preview shows how black text looks on a background with the CIELCh color 79, 47.472, 186.332.

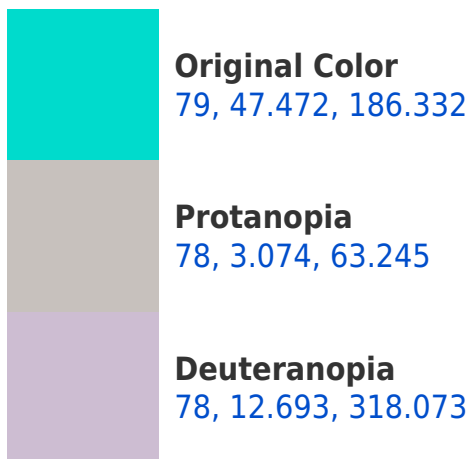


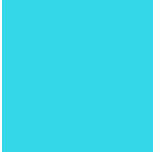
This preview shows how white text looks on a background with the CIELCh color 79, 47.472, 186.332.

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
79, 39.971, 210.129

Trichromacy



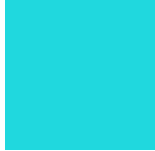
Original Color
79, 47.472, 186.332



Protanomaly
76, 25.310, 187.669

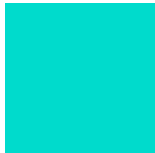


Deuteranomaly
76, 22.726, 208.827

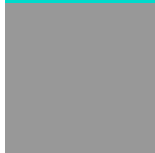


Tritanomaly
79, 42.268, 200.964

Monochromacy



Original Color
79, 47.472, 186.332



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 26.001, 191.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 47.472, 186.332 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(0, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 204)  
}
```

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(0, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 47.472, 186.332 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(0, 219, 204) }
```

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

```
.border{ border-color:rgb(0, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 47.472, 186.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 204) }
```

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

```
.background{ background-color: rgb(0, 219,  
204) }
```

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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