

Converting Colors

CIELCh(79, 49.136, 180.104)

Have a look what the booklet for
CIELCh(79, 49.136, 180.104)
contains.

CIELCh(79, 49.096, 180.118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 49.096, 180.118)

Conversions

Conversions Part 1

Format	Color
Hex	1ADBC2
RGB	26, 219, 194
RGB Percent	10%, 86%, 76%
CMY	0.8986, 0.1401, 0.2382
CMYK	0.88, 0.00, 0.11, 0.14
HSL	172°, 79%, 48%
HSV	172°, 88%, 86%
XYZ	35.5906, 54.9284, 59.9185
YIQ	158.4430, -107.0030, -48.6910

Conversions

Conversions Part 2

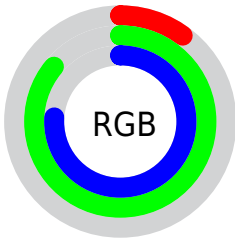
Format	Color
RYB	26, 129, 219
Decimal	1760194
CIELab	79.00, -49.10, -0.10
CIElCh	79, 49.096, 180.118
Yxy	54.9284, 0.2366, 0.3651
Android (android.graphics.Color)	4279950274 (0xFF1ADBC2)
YUV	158.4430, 17.5296, -116.1525
Hunter-Lab	74.1137, -43.9804, 3.9455

Details

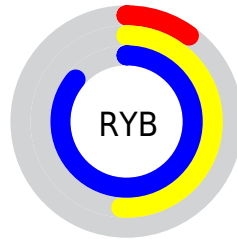
The CIELCh color **79, 49.096, 180.118** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **47, 79.720, 29.260**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.250, 193.218**, and **60, 40.960, 178.120** is the 20% darker color. If you saturate the color by 10%, you get **79, 50.656, 178.721**, and if you desaturate by 10%, it is **79, 46.730, 181.393**.

Distribution



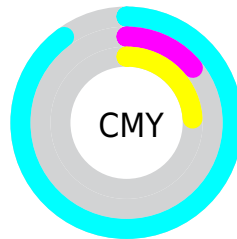
- Red (10%)
- Green (86%)
- Blue (76%)



- Red (10%)
- Yellow (51%)
- Blue (86%)



- Cyan (88%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)




- Cyan (90%)
- Magenta (14%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 49.096, 180.118 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, 49.096, 180.118 by changing the saturation by 10% instead.


 79, 49.096,
180.118

 79, 49.096,
180.118


 100, 49.096,
180.118


 69, 49.096,
180.118


 99, 49.096,
180.118

 59, 49.096,
180.118

 49, 49.096,
180.118

 39, 49.096,
180.118

 29, 49.096,
180.118

 19, 49.096,
180.118

 9, 49.096, 180.118

■ 0, 49.096, 180.118

■ 79, 49.096,
180.118

■ 79, 49.096,
180.118

■ 79, 50.656,
178.721

■ 79, 46.730,
181.393

■ 79, 50.902,
178.470

■ 80, 43.429,
182.555

■ 80, 39.177,
183.622

■ 81, 34.018,
184.615

■ 82, 28.045,
185.552

■ 83, 21.380,
186.449

■ 85, 14.156,
187.320

■ 86, 6.508, 188.200

■ 88, 1.442, 8.532

Harmonies

Complementary

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



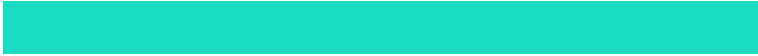
79, 49.096, 180.118



47, 79.720, 29.260

Rectangle

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



79, 49.096, 180.118



79, 49.096, 230.118



79, 49.096, 0.118



79, 49.096, 50.118

Sweetspot

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



79, 49.096, 180.117



96, 22.394, 186.624



77, 101.900, 135.288



50, 15.030, 186.316



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, 49.096, 180.117



90, 57.123, 178.338



59, 45.243, 262.168



45, 4.490, 188.089



64, 42.619, 178.715



16, 16.681, 181.439

Inverse Universe

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



47, 79.720, 29.260



53, 98.442, 35.207



56, 73.678, 52.691



43, 4.698, 9.539



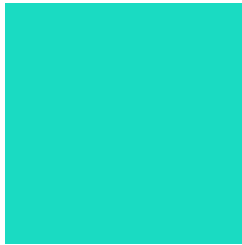
36, 72.734, 33.986



5, 23.721, 14.681

Previews

White Background



This preview shows how the CIELCh color 79, 49.096, 180.118 looks on a white background.

Color Contrast Check

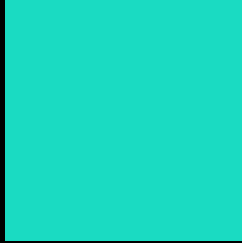
Large Text (above 18pt) WCAG AA × Fail

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, 49.096, 180.118 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

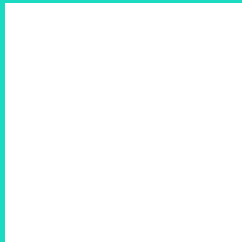
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 49.096, 180.118

Background



This preview shows how black text looks on a background with the CIELCh color 79, 49.096, 180.118.



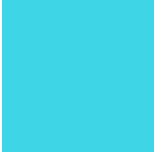
This preview shows how white text looks on a background with the CIELCh color 79, 49.096, 180.118.

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, 38.672, 210.666

Trichromacy



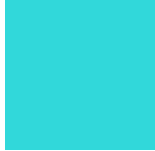
Original Color
79, 49.044, 180.104



Protanomaly
77, 24.943, 174.674

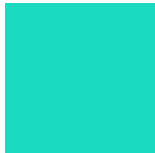


Deuteranomaly
77, 19.190, 197.992

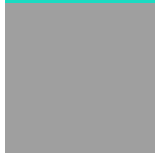


Tritanomaly
79, 41.395, 198.080

Monochromacy



Original Color
79, 49.044, 180.104



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 24.277, 185.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 49.096, 180.118 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(26, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(26, 219, 194)  
}
```

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(26, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 219, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 49.096, 180.118 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(26, 219, 194) }
```

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

```
.border{ border-color:rgb(26, 219, 194) }
```

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

Here you see how a box with a 4 pixel rgb(26, 219, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(26, 219,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 49.096, 180.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 219, 194) }
```

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

```
.background{ background-color: rgb(26, 219,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor