

Converting Colors

CIELCh(79, 44.364, 196.053)

Have a look what the booklet for
CIELCh(79, 44.364, 196.053)
contains.

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Color

CIELCh(79, 44.214, 196.396)

Conversions

Conversions Part 1

Format	Color
Hex	09D9D9
RGB	9, 217, 217
RGB Percent	4%, 85%, 85%
CMY	0.9661, 0.1474, 0.1474
CMYK	0.96, 0.00, 0.00, 0.15
HSL	180°, 92%, 44%
HSV	180°, 96%, 85%
XYZ	37.6066, 54.9284, 74.5473
YIQ	154.8080, -123.9680, -44.0960

Conversions

Conversions Part 2

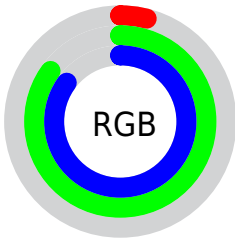
Format	Color
RYB	9, 113, 217
Decimal	645593
CIELab	79.00, -42.42, -12.48
CIELCh	79, 44.214, 196.396
Yxy	54.9284, 0.2251, 0.3288
Android (android.graphics.Color)	4278835673 (0xFF09D9D9)
YUV	154.8080, 30.6607, -127.8736
Hunter-Lab	74.1137, -39.1250, -7.7573

Details

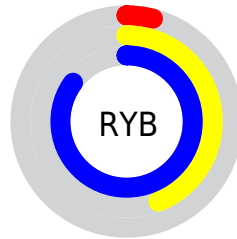
The CIELCh color **79, 44.214, 196.396** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **46, 90.585, 39.049**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.001, 196.972**, and **60, 35.382, 197.333** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.433, 196.381**, and if you desaturate by 10%, it is **79, 43.329, 196.452**.

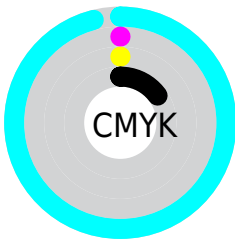
Distribution



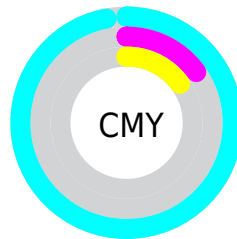
- Red (4%)
- Green (85%)
- Blue (85%)



- Red (4%)
- Yellow (44%)
- Blue (85%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (97%)
- Magenta (15%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 44.214, 196.396 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, 44.214, 196.396 by changing the saturation by 10% instead.

 79, 44.214,
196.396

 79, 44.214,
196.396

 100, 44.214,
196.396

 69, 44.214,
196.396

 99, 44.214,
196.396

 59, 44.214,
196.396

 49, 44.214,
196.396

 39, 44.214,
196.396

 29, 44.214,
196.396

 19, 44.214,
196.396

 9, 44.214, 196.396

■ 0, 44.214, 196.396

■ 79, 44.214,
196.396

■ 79, 44.214,
196.396

■ 79, 44.433,
196.381

■ 79, 43.329,
196.452

■ 79, 41.590,
196.566

■ 80, 38.900,
196.742

■ 80, 35.233,
196.984

■ 81, 30.622,
197.293

■ 82, 25.144,
197.666

■ 83, 18.905,
198.101

■ 84, 12.029,
198.597

■ 86, 4.642, 199.197

Harmonies

Complementary

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



79, 44.214, 196.396



46, 90.585, 39.049

Rectangle

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



79, 44.214, 196.396



79, 44.214, 246.396



79, 44.214, 16.396



79, 44.214, 66.396

Sweetspot

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



79, 44.213, 196.395



95, 23.690, 197.953



76, 105.237, 136.088



50, 15.976, 197.767



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, 44.213, 196.395



91, 50.117, 196.381



49, 60.086, 281.126



45, 4.371, 198.969



64, 37.533, 196.381



16, 15.074, 196.382

Inverse Universe

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



46, 90.585, 39.049



53, 104.574, 39.999



58, 74.329, 59.834



43, 4.639, 19.928



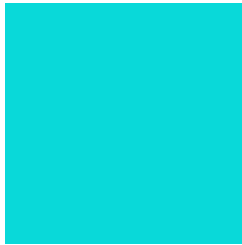
36, 78.233, 39.927



5, 23.840, 20.267

Previews

White Background



This preview shows how the CIE LCh color 79, 44.214, 196.396 looks on a white background.

Color Contrast Check

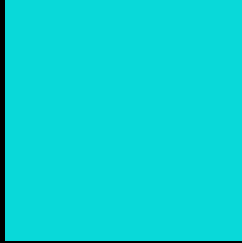
Large Text (above 18pt) WCAG AA × Fail

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, 44.214, 196.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

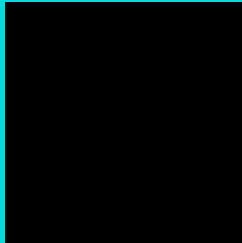
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 44.214, 196.396

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.214, 196.396.

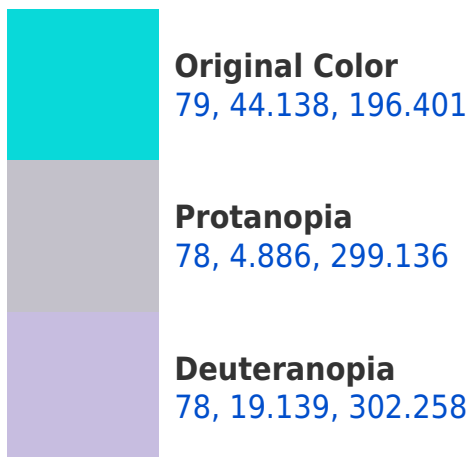


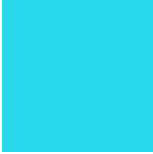
This preview shows how white text looks on a background with the CIELCh color 79, 44.214, 196.396.

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



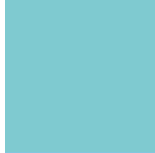


Tritanopia
79, 40.850, 210.579

Trichromacy



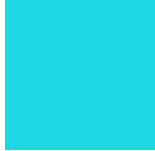
Original Color
79, 44.138, 196.401



Protanomaly
77, 24.035, 205.483

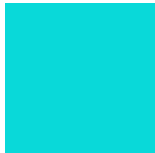


Deuteranomaly
77, 24.191, 229.076

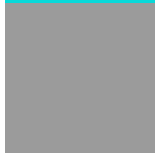


Tritanomaly
79, 42.009, 204.770

Monochromacy



Original Color
79, 44.138, 196.401



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 24.622, 197.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.214, 196.396 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(9, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(9, 217, 217)  
}
```

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(9, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 217, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.214, 196.396 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(9, 217, 217) }
```

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

```
.border{ border-color:rgb(9, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(9, 217,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.214, 196.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 217, 217) }
```

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

```
.background{ background-color: rgb(9, 217,  
217) }
```

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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