

Converting Colors

CIELCh(79, 44.330, 196.380)

Have a look what the booklet for
CIELCh(79, 44.330, 196.380)
contains.

CIELCh(79, 44.265, 196.393)	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, 44.265, 196.393)

Conversions

Conversions Part 1

Format	Color
Hex	07D9D9
RGB	7, 217, 217
RGB Percent	3%, 85%, 85%
CMY	0.9734, 0.1473, 0.1473
CMYK	0.97, 0.00, 0.00, 0.15
HSL	180°, 94%, 44%
HSV	180°, 97%, 85%
XYZ	37.5913, 54.9284, 74.5627
YIQ	154.2100, -125.1600, -44.5200

Conversions

Conversions Part 2

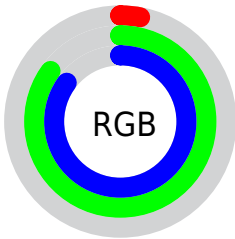
Format	Color
RYB	7, 112, 217
Decimal	514521
CIELab	79.00, -42.47, -12.49
CIELCh	79, 44.265, 196.393
Yxy	54.9284, 0.2250, 0.3288
Android (android.graphics.Color)	4278704601 (0xFF07D9D9)
YUV	154.2100, 30.9555, -129.1032
Hunter-Lab	74.1137, -39.1617, -7.7696

Details

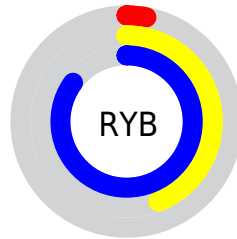
The CIELCh color **79, 44.265, 196.393** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **46, 91.032, 39.245**, and the grayscale version is **64, 0.008, 296.813**.

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, 44.436, 196.381**, and if you desaturate by 10%, it is **79, 43.440, 196.446**.

Distribution



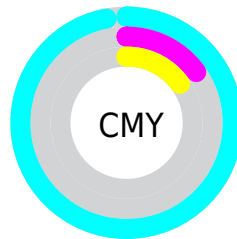
- Red (3%)
- Green (85%)
- Blue (85%)



- Red (3%)
- Yellow (44%)
- Blue (85%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 44.265, 196.393 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, 44.265, 196.393 by changing the saturation by 10% instead.


 79, 44.265,
196.393

 79, 44.265,
196.393


 100, 44.265,
196.393

 69, 44.265,
196.393

 99, 44.265,
196.393

 59, 44.265,
196.393

 49, 44.265,
196.393

 39, 44.265,
196.393

 29, 44.265,
196.393

 19, 44.265,
196.393

 9, 44.265, 196.393

■ 0, 44.265, 196.393

■ 79, 44.265,
196.393

■ 79, 44.265,
196.393

■ 79, 44.436,
196.381

■ 79, 43.440,
196.446

■ 79, 41.780,
196.553

■ 80, 39.174,
196.724

■ 80, 35.591,
196.960

■ 81, 31.059,
197.264

■ 82, 25.652,
197.631

■ 83, 19.474,
198.061

■ 84, 12.647,
198.551

■ 86, 5.298, 199.135

Harmonies

Complementary

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



79, 44.265, 196.393



46, 91.032, 39.245

Rectangle

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



79, 44.265, 196.393



79, 44.265, 246.393



79, 44.265, 16.393



79, 44.265, 66.393

Sweetspot

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



79, 44.264, 196.392



95, 23.690, 197.953



76, 105.436, 136.062



50, 15.976, 197.767



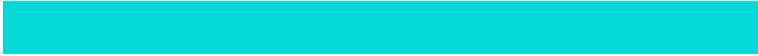
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 44.264, 196.392



91, 50.117, 196.381



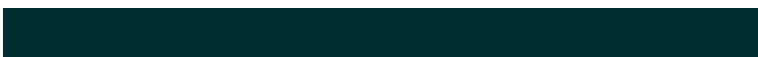
49, 60.625, 281.526



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, 91.032, 39.245



53, 104.574, 39.999



58, 74.748, 59.596



43, 4.639, 19.928



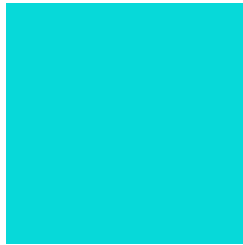
36, 78.233, 39.927



5, 23.840, 20.267

Previews

White Background



This preview shows how the CIELCh color 79, 44.265, 196.393 looks on a white background.

Color Contrast Check

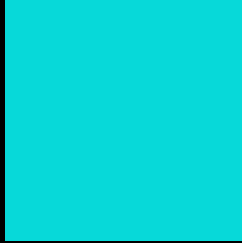
Large Text (above 18pt) WCAG AA × Fail

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, 44.265, 196.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

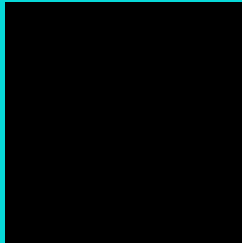
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

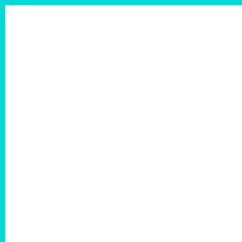
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 44.265, 196.393

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.265, 196.393.

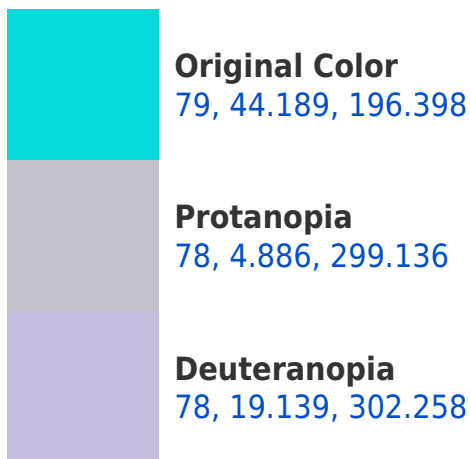


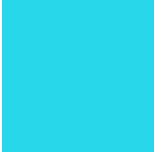
This preview shows how white text looks on a background with the CIELCh color 79, 44.265, 196.393.

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](#).

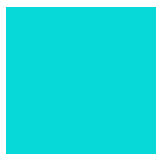
Dichromacy



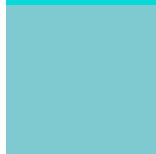


Tritanopia
79, 40.850, 210.579

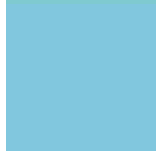
Trichromacy



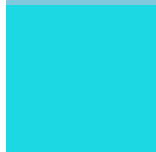
Original Color
79, 44.189, 196.398



Protanomaly
77, 24.035, 205.483

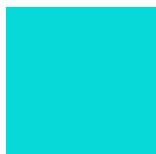


Deuteranomaly
77, 24.414, 228.750

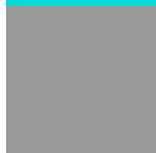


Tritanomaly
79, 42.062, 204.757

Monochromacy



Original Color
79, 44.189, 196.398



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 24.877, 197.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.265, 196.393 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(7, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(7, 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(7, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 217, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.265, 196.393 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(7, 217, 217) }
```

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

```
.border{ border-color:rgb(7, 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(7, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(7, 217,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.265, 196.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 217, 217) }
```

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

```
.background{ background-color: rgb(7, 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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