

Converting Colors

CIELCh(79, 42.671, 208.352)

Have a look what the booklet for
CIELCh(79, 42.671, 208.352)
contains.

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Color

CIELCh(79, 42.671, 208.352)

Conversions

Conversions Part 1

Format	Color
Hex	01D8E8
RGB	1, 216, 232
RGB Percent	0%, 85%, 91%
CMY	0.9965, 0.1530, 0.0903
CMYK	1.00, 0.07, 0.00, 0.09
HSL	184°, 99%, 46%
HSV	184°, 100%, 91%
XYZ	39.1213, 54.9284, 84.8647
YIQ	153.5390, -133.2760, -40.6040

Conversions

Conversions Part 2

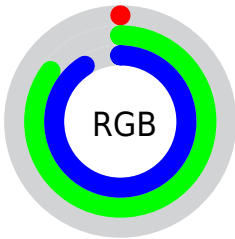
Format	Color
RYB	1, 112, 232
Decimal	121064
CIELab	79.00, -37.55, -20.26
CIELCh	79, 42.671, 208.352
Yxy	54.9284, 0.2187, 0.3070
Android (android.graphics.Color)	4278311144 (0xFF01D8E8)
YUV	153.5390, 38.6813, -133.7767
Hunter-Lab	74.1137, -35.4768, -16.0111

Details

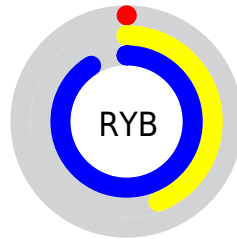
The CIELCh color **79, 42.671, 208.352** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **49, 96.214, 40.508**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.001, 196.972**, and **60, 34.223, 211.208** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.679, 208.395**, and if you desaturate by 10%, it is **80, 42.299, 207.255**.

Distribution



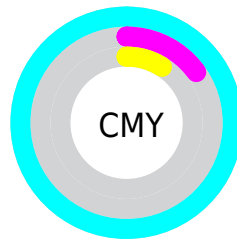
- Red (0%)
- Green (85%)
- Blue (91%)



- Red (0%)
- Yellow (44%)
- Blue (91%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)





- Cyan (100%)
- Magenta (15%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.671, 208.352 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, 42.671, 208.352 by changing the saturation by 10% instead.


 79, 42.671,
208.352


 79, 42.671,
208.352


 100, 42.671,
208.352


 69, 42.671,
208.352


 99, 42.671,
208.352

 59, 42.671,
208.352

 49, 42.671,
208.352

 39, 42.671,
208.352

 29, 42.671,
208.352

 19, 42.671,
208.352

 9, 42.671, 208.352

■ 0, 42.671, 208.352

■ 79, 42.671,
208.352

■ 79, 42.671,
208.352

■ 79, 42.679,
208.395

■ 80, 42.299,
207.255

■ 80, 41.145,
206.377

■ 81, 39.021,
205.728

■ 82, 35.885,
205.287

■ 83, 31.759,
205.029

■ 85, 26.718,
204.929

■ 86, 20.868,
204.965

■ 88, 14.332,
205.117

■ 90, 7.237, 205.388

Harmonies

Complementary

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



79, 42.671, 208.352



49, 96.214, 40.508

Rectangle

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



79, 42.671, 208.352



79, 42.671, 258.352



79, 42.671, 28.352



79, 42.671, 78.352

Sweetspot

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



79, 42.670, 208.351



94, 22.774, 204.960



81, 110.252, 136.461



49, 15.264, 204.932



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, 42.670, 208.351



86, 45.829, 208.463



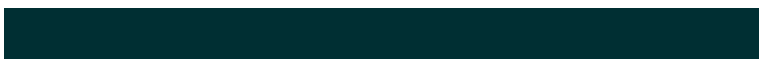
46, 77.400, 290.431



47, 4.239, 205.394



62, 35.123, 208.173



17, 14.910, 206.203

Inverse Universe

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



54, 101.770, 331.227



59, 109.341, 331.257



65, 77.582, 65.890



45, 7.923, 326.874



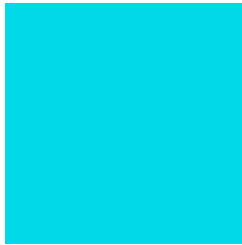
42, 83.765, 331.186



8, 35.446, 330.701

Previews

White Background



This preview shows how the CIE LCh color 79, 42.671, 208.352 looks on a white background.

Color Contrast Check

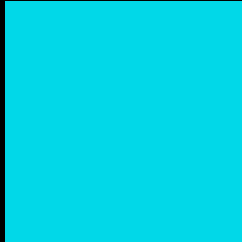
Large Text (above 18pt) WCAG AA × Fail

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, 42.671, 208.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

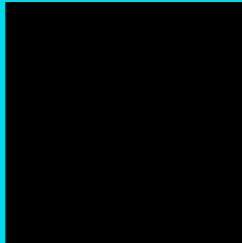
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.671, 208.352

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.671, 208.352.

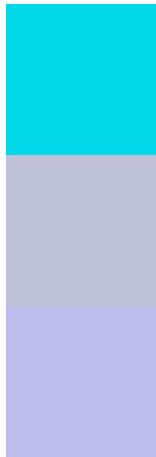


This preview shows how white text looks on a background with the CIELCh color 79, 42.671, 208.352.

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



Original Color

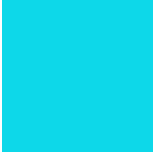
79, 42.671, 208.352

Protanopia

79, 12.850, 288.236

Deuteranopia

79, 25.726, 293.210

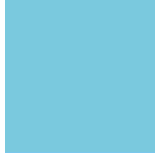


Tritanopia
79, 42.345, 209.225

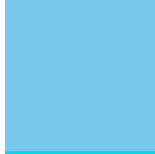
Trichromacy



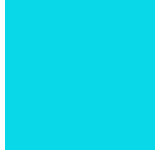
Original Color
79, 42.671, 208.352



Protanomaly
77, 26.064, 223.748



Deuteranomaly
77, 29.258, 241.411

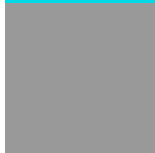


Tritanomaly
79, 42.445, 209.189

Monochromacy



Original Color
79, 42.671, 208.352



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 24.766, 205.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.671, 208.352 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(1, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(1, 216, 232)  
}
```

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(1, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 216, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.671, 208.352 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(1, 216, 232) }
```

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

```
.border{ border-color:rgb(1, 216, 232) }
```

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

Here you see how a box with a 4 pixel rgb(1, 216, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(1, 216,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.671, 208.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 216, 232) }
```

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

```
.background{ background-color: rgb(1, 216,  
232) }
```

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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