

Converting Colors

CIELCh(79, 42.153, 189.422)

Have a look what the booklet for
CIELCh(79, 42.153, 189.422)
contains.

CIELCh(79, 42.280, 189.143)	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, 42.280, 189.143)

Conversions

Conversions Part 1

Format	Color
Hex	3CD9CF
RGB	60, 217, 207
RGB Percent	24%, 85%, 81%
CMY	0.7662, 0.1501, 0.1893
CMYK	0.72, 0.00, 0.05, 0.15
HSL	176°, 67%, 54%
HSV	176°, 72%, 85%
XYZ	37.8138, 54.9284, 67.4730
YIQ	168.9170, -90.3620, -36.3940

Conversions

Conversions Part 2

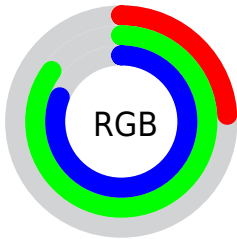
Format	Color
RYB	60, 141, 217
Decimal	3987919
CIELab	79.00, -41.74, -6.72
CIELCh	79, 42.280, 189.143
Yxy	54.9284, 0.2360, 0.3428
Android (android.graphics.Color)	4282177999 (0xFF3CD9CF)
YUV	168.9170, 18.7749, -95.5202
Hunter-Lab	74.1137, -38.6258, -2.0980

Details

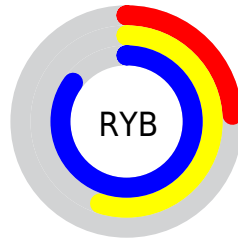
The CIELCh color **79, 42.280, 189.143** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **50, 68.454, 27.114**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.444, 197.183**, and **60, 37.015, 189.122** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.682, 188.407**, and if you desaturate by 10%, it is **80, 38.916, 189.846**.

Distribution



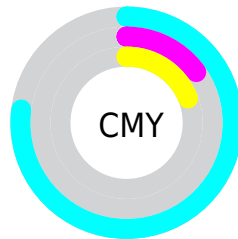
- Red (24%)
- Green (85%)
- Blue (81%)



- Red (24%)
- Yellow (55%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)





- Cyan (77%)
- Magenta (15%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.280, 189.143 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, 42.280, 189.143 by changing the saturation by 10% instead.


 79, 42.280,
189.143


 79, 42.280,
189.143


 100, 42.280,
189.143


 69, 42.280,
189.143


 99, 42.280,
189.143

 59, 42.280,
189.143

 49, 42.280,
189.143

 39, 42.280,
189.143

 29, 42.280,
189.143

 19, 42.280,
189.143

 9, 42.280, 189.143

0, 42.280, 189.143

79, 42.280,
189.143

79, 42.280,
189.143

79, 44.682,
188.407

80, 38.916,
189.846

78, 46.179,
187.626

80, 34.601,
190.533

78, 46.865,
187.013

81, 29.396,
191.215

82, 23.404,
191.900

83, 16.745,
192.595

85, 9.550, 193.313

■ 86, 1.946, 194.247

■ 88, 5.952, 14.558

■ 90, 14.044, 15.319

Harmonies

Complementary

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



79, 42.280, 189.143



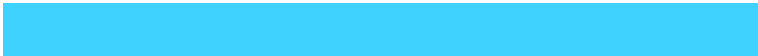
50, 68.454, 27.114

Rectangle

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



79, 42.280, 189.143



79, 42.280, 239.143



79, 42.280, 9.143



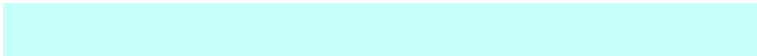
79, 42.280, 59.143

Sweetspot

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



79, 42.280, 189.142



96, 18.700, 192.616



77, 91.409, 136.921



51, 12.461, 192.424



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, 42.280, 189.142



91, 51.534, 187.999



59, 42.540, 264.582



44, 4.326, 193.547



63, 39.208, 187.155



15, 15.203, 188.764

Inverse Universe

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



50, 68.454, 27.114



55, 92.607, 33.340



62, 57.991, 60.014



42, 4.559, 14.784



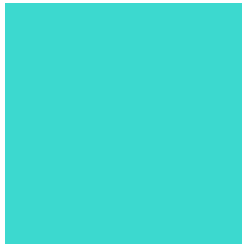
35, 74.749, 37.289



5, 21.965, 16.930

Previews

White Background



This preview shows how the CIE LCh color 79, 42.280, 189.143 looks on a white background.

Color Contrast Check

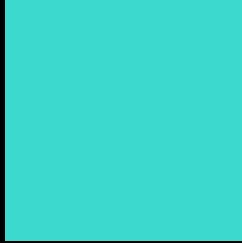
Large Text (above 18pt) WCAG AA × Fail

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, 42.280, 189.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

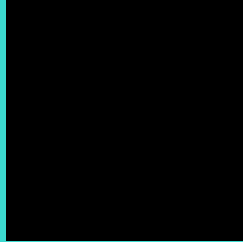
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

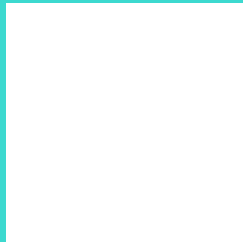
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 42.280, 189.143

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.280, 189.143.

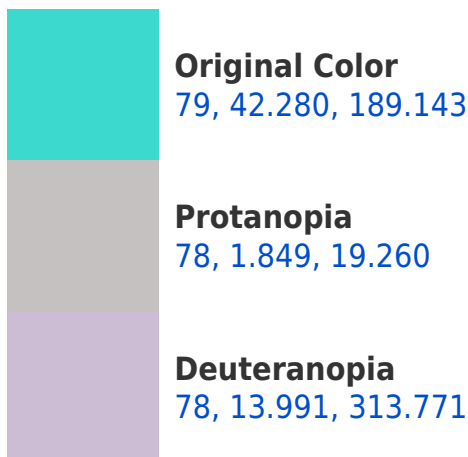


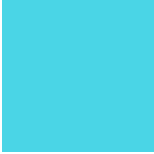
This preview shows how white text looks on a background with the CIELCh color 79, 42.280, 189.143.

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](#).

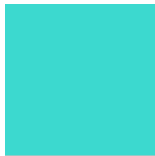
Dichromacy



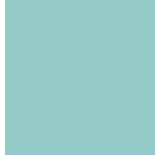


Tritanopia
79, 36.991, 211.410

Trichromacy



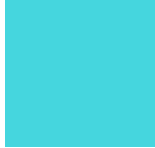
Original Color
79, 42.280, 189.143



Protanomaly
78, 18.619, 191.379



Deuteranomaly
77, 16.990, 220.756

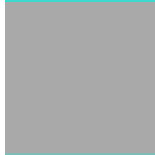


Tritanomaly
79, 38.158, 203.342

Monochromacy



Original Color
79, 42.280, 189.143



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 19.567, 193.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.280, 189.143 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(60, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(60, 217, 207)  
}
```

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(60, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 217, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.280, 189.143 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(60, 217, 207) }
```

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

```
.border{ border-color:rgb(60, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(60, 217,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.280, 189.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 217, 207) }
```

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

```
.background{ background-color: rgb(60, 217,  
207) }
```

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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