

Converting Colors

CIELCh(79, 27.089, 195.365)

Have a look what the booklet for
CIELCh(79, 27.089, 195.365)
contains.

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Color

CIElCh(79, 27.120, 195.197)

Conversions

Conversions Part 1

Format	Color
Hex	7DD2D0
RGB	125, 210, 208
RGB Percent	49%, 82%, 82%
CMY	0.5103, 0.1770, 0.1848
CMYK	0.40, 0.00, 0.01, 0.18
HSL	179°, 49%, 66%
HSV	179°, 40%, 82%
XYZ	42.8236, 54.9284, 67.9382
YIQ	184.3570, -50.0180, -18.6420

Conversions

Conversions Part 2

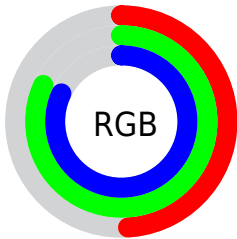
Format	Color
RYB	125, 168, 210
Decimal	8245968
CIELab	79.00, -26.17, -7.11
CIELCh	79, 27.120, 195.197
Yxy	54.9284, 0.2585, 0.3315
Android (android.graphics.Color)	4286436048 (0xFF7DD2D0)
YUV	184.3570, 11.6560, -52.0561
Hunter-Lab	74.1137, -26.5600, -2.4701

Details

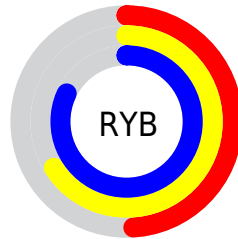
The CIELCh color **79, 27.120, 195.197** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 35.683, 21.649**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **59, 26.909, 195.802** is the 20% darker color. If you saturate the color by 10%, you get **78, 32.177, 194.717**, and if you desaturate by 10%, it is **80, 21.292, 195.712**.

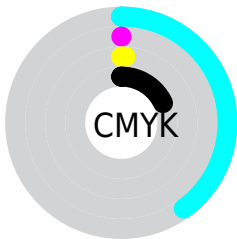
Distribution



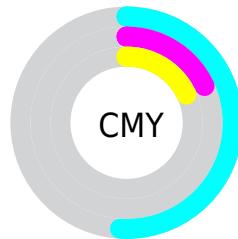
- Red (49%)
- Green (82%)
- Blue (82%)



- Red (49%)
- Yellow (66%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 27.120, 195.197 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, 27.120, 195.197 by changing the saturation by 10% instead.


 79, 27.120,
195.197

 79, 27.120,
195.197


 100, 27.120,
195.197


 69, 27.120,
195.197


 99, 27.120,
195.197

 59, 27.120,
195.197

 49, 27.120,
195.197

 39, 27.120,
195.197

 29, 27.120,
195.197

 19, 27.120,
195.197

 9, 27.120, 195.197

0, 27.120, 195.197

79, 27.120,
195.197

79, 27.120,
195.197

78, 32.177,
194.717

80, 21.292,
195.712

77, 36.366,
194.277

81, 14.811,
196.271

77, 39.626,
193.872

83, 7.799, 196.883

77, 41.942,
193.496

84, 0.378, 198.920

76, 43.361,
193.138

86, 7.342, 17.963

76, 44.066,
192.807

88, 15.266, 18.644

88, 16.864, 18.084

■ 88, 16.861, 17.218

■ 88, 16.863, 16.351

Harmonies

Complementary

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



79, 27.120, 195.197



62, 35.683, 21.649

Rectangle

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



79, 27.120, 195.197



79, 27.120, 245.197



79, 27.120, 15.197



79, 27.120, 65.197

Sweetspot

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



79, 27.120, 195.195



98, 10.397, 196.777



77, 54.275, 140.629



52, 6.872, 196.694



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, 27.120, 195.195



93, 36.753, 194.760



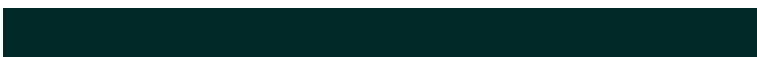
68, 25.444, 258.584



43, 4.213, 196.957



62, 37.377, 192.861



14, 14.240, 193.534

Inverse Universe

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



62, 35.683, 21.649



69, 51.893, 23.350



71, 29.294, 66.935



41, 4.459, 18.021



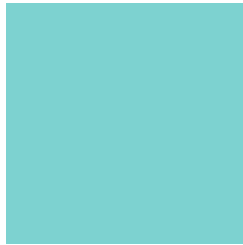
35, 75.474, 38.905



4, 20.016, 18.368

Previews

White Background



This preview shows how the CIELCh color 79, 27.120, 195.197 looks on a white background.

Color Contrast Check

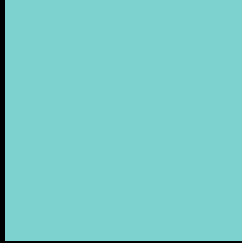
Large Text (above 18pt) WCAG AA × Fail

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, 27.120, 195.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

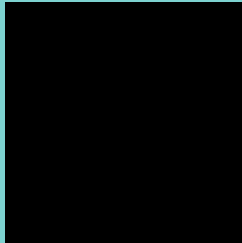
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

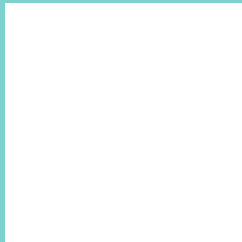
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 27.120, 195.197

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.120, 195.197.

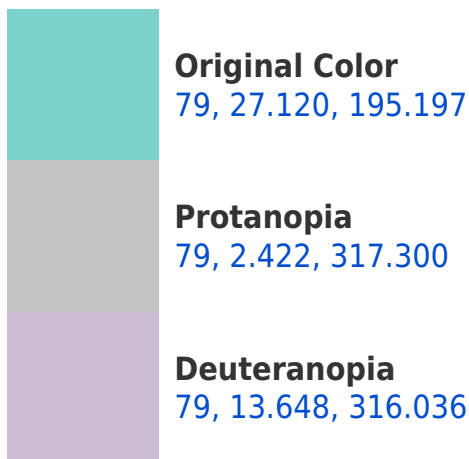


This preview shows how white text looks on a background with the CIELCh color 79, 27.120, 195.197.

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



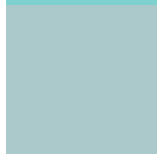


Tritanopia
79, 25.330, 219.047

Trichromacy



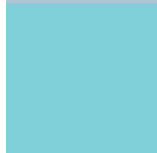
Original Color
79, 27.120, 195.197



Protanomaly
79, 10.204, 204.743



Deuteranomaly
78, 10.293, 245.921

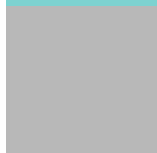


Tritanomaly
79, 25.344, 209.987

Monochromacy



Original Color
79, 27.120, 195.197



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 10.613, 198.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.120, 195.197 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(125, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(125, 210, 208)  
}
```

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(125, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 210, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.120, 195.197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

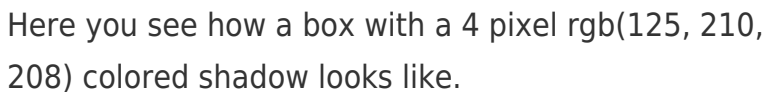
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 210, 208) }
```

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

```
.border{ border-color:rgb(125, 210, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(125, 210,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.120, 195.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 210, 208) }
```

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

```
.background{ background-color: rgb(125,  
210, 208) }
```

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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