

Converting Colors

CIELCh(79, 26.149, 197.509)

Have a look what the booklet for
CIELCh(79, 26.149, 197.509)
contains.

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Color

CIELCh(79, 26.152, 197.547)

Conversions

Conversions Part 1

Format	Color
Hex	7FD1D1
RGB	127, 209, 209
RGB Percent	50%, 82%, 82%
CMY	0.5006, 0.1790, 0.1790
CMYK	0.39, 0.00, 0.00, 0.18
HSL	180°, 47%, 66%
HSV	180°, 39%, 82%
XYZ	43.2393, 54.9284, 68.8670
YIQ	184.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

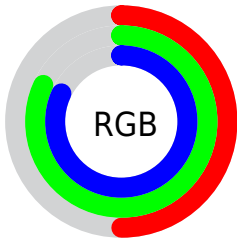
Format	Color
RYB	127, 168, 209
Decimal	8376785
CIELab	79.00, -24.94, -7.88
CIELCh	79, 26.152, 197.547
Yxy	54.9284, 0.2589, 0.3288
Android (android.graphics.Color)	4286566865 (0xFF7FD1D1)
YUV	184.4820, 12.0874, -50.4117
Hunter-Lab	74.1137, -25.5587, -3.2131

Details

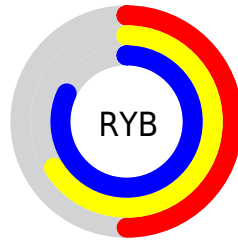
The CIELCh color **79, 26.152, 197.547** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 34.482, 23.170**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **59, 26.016, 198.367** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.218, 197.191**, and if you desaturate by 10%, it is **80, 20.316, 197.960**.

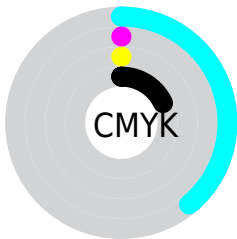
Distribution



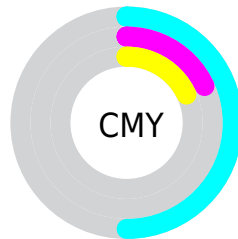
- Red (50%)
- Green (82%)
- Blue (82%)



- Red (50%)
- Yellow (66%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.152, 197.547 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, 26.152, 197.547 by changing the saturation by 10% instead.


 79, 26.152,
197.547

 79, 26.152,
197.547


 100, 26.152,
197.547

 69, 26.152,
197.547


 99, 26.152,
197.547

 59, 26.152,
197.547

 49, 26.152,
197.547

 39, 26.152,
197.547

 29, 26.152,
197.547

 19, 26.152,
197.547

 9, 26.152, 197.547

■ 0, 26.152, 197.547

■ 79, 26.152,
197.547

■ 79, 26.152,
197.547

■ 78, 31.218,
197.191

■ 80, 20.316,
197.960

■ 77, 35.419,
196.903

■ 81, 13.826,
198.435

■ 77, 38.691,
196.681

■ 83, 6.804, 198.986

■ 77, 41.020,
196.525

■ 84, 0.632, 18.544

■ 76, 42.448,
196.429

■ 86, 8.372, 19.957

■ 76, 43.142,
196.382

■ 88, 16.322, 20.590

■ 88, 17.107, 20.649

■ 76, 43.189,
196.379

■ 88, 17.107, 20.647

■ 88, 17.107, 20.646

Harmonies

Complementary

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



79, 26.152, 197.547



62, 34.482, 23.170

Rectangle

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



79, 26.152, 197.547



79, 26.152, 247.547



79, 26.152, 17.547



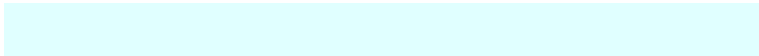
79, 26.152, 67.547

Sweetspot

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



79, 26.152, 197.544



98, 10.369, 198.811



77, 52.719, 141.126



52, 6.853, 198.737



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, 26.152, 197.544



93, 35.331, 197.244



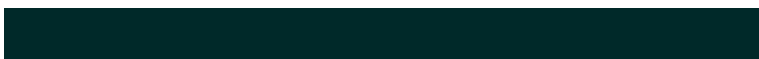
68, 25.028, 260.223



43, 4.203, 198.971



62, 36.714, 196.379



14, 14.039, 196.381

Inverse Universe

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



62, 34.482, 23.170



70, 49.865, 24.630



71, 28.319, 68.825



41, 4.460, 19.923



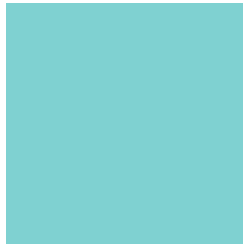
35, 76.453, 39.862



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIELCh color 79, 26.152, 197.547 looks on a white background.

Color Contrast Check

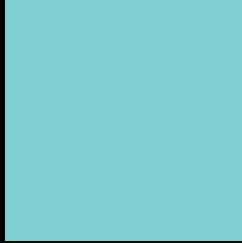
Large Text (above 18pt) WCAG AA × Fail

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, 26.152, 197.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

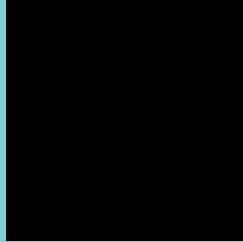
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

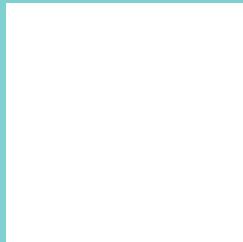
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 26.152, 197.547

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.152, 197.547.

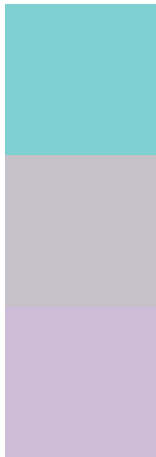


This preview shows how white text looks on a background with the CIELCh color 79, 26.152, 197.547.

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, 26.152, 197.547

Protanopia
79, 3.305, 303.191

Deuteranopia
79, 14.620, 314.280



Tritanopia
79, 24.856, 219.499

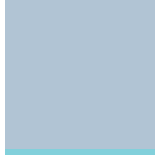
Trichromacy



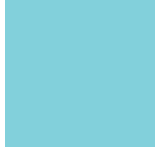
Original Color
79, 26.152, 197.547



Protanomaly
79, 10.237, 207.763



Deuteranomaly
78, 10.650, 252.863

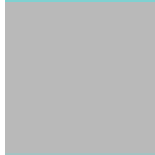


Tritanomaly
79, 24.878, 211.540

Monochromacy



Original Color
79, 26.152, 197.547



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 10.605, 198.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.152, 197.547 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(127, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(127, 209, 209)  
}
```

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(127, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 209, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.152, 197.547 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(127, 209, 209) }
```

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

```
.border{ border-color:rgb(127, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(127, 209,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.152, 197.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 209, 209) }
```

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

```
.background{ background-color: rgb(127,  
209, 209) }
```

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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