

Converting Colors

CIELCh(81, 31.712, 183.211)

Have a look what the booklet for
CIELCh(81, 31.712, 183.211)
contains.

CIELCh(81, 31.997, 182.639)	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(81, 31.997, 182.639)

Conversions

Conversions Part 1

Format	Color
Hex	7ADACB
RGB	122, 218, 203
RGB Percent	48%, 85%, 80%
CMY	0.5223, 0.1458, 0.2046
CMYK	0.44, 0.00, 0.07, 0.15
HSL	171°, 56%, 67%
HSV	171°, 44%, 85%
XYZ	43.7788, 58.4711, 65.3624
YIQ	187.5860, -52.4010, -25.0170

Conversions

Conversions Part 2

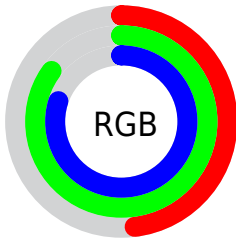
Format	Color
RYB	122, 174, 218
Decimal	8051403
CIELab	81.00, -31.96, -1.47
CIELCh	81, 31.997, 182.639
Yxy	58.4711, 0.2612, 0.3488
Android (android.graphics.Color)	4286241483 (0xFF7ADACB)
YUV	187.5860, 7.5991, -57.5189
Hunter-Lab	76.4664, -31.6207, 2.8462

Details

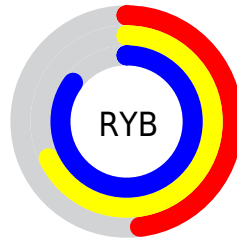
The CIELCh color **81, 31.997, 182.639** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 39.779, 12.309**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.270, 197.921**, and **61, 32.185, 182.343** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.660, 181.578**, and if you desaturate by 10%, it is **82, 25.594, 183.630**.

Distribution



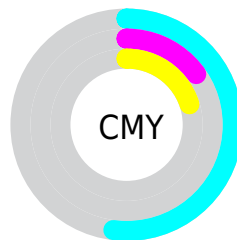
- Red (48%)
- Green (85%)
- Blue (80%)



- Red (48%)
- Yellow (68%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)





- Cyan (52%)
- Magenta (15%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.997, 182.639 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 81, 31.997, 182.639 by changing the saturation by 10% instead.


 81, 31.997,
182.639


 81, 31.997,
182.639


 100, 31.997,
182.639


 71, 31.997,
182.639

 61, 31.997,
182.639

 51, 31.997,
182.639

 41, 31.997,
182.639

 31, 31.997,
182.639

 21, 31.997,
182.639

 11, 31.997,

182.639

■ 1, 31.997, 182.639

■ 0, 31.997, 182.639

■ 81, 31.997,
182.639

■ 81, 31.997,
182.639

■ 80, 37.660,
181.578

■ 82, 25.594,
183.630

■ 79, 42.472,
180.434

■ 83, 18.581,
184.574

■ 79, 46.363,
179.183

■ 85, 11.093,
185.489

■ 79, 49.317,
177.802

■ 86, 3.260, 186.471

■ 78, 51.396,

■ 88, 4.803, 7.018

176.277

90, 12.998, 7.901

78, 52.349,
175.329

90, 14.297, 1.870

90, 14.890,
355.400

90, 15.665,
349.510

Harmonies

Complementary

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



81, 31.997, 182.639



62, 39.779, 12.309

Rectangle

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



81, 31.997, 182.639



81, 31.997, 232.639



81, 31.997, 2.639



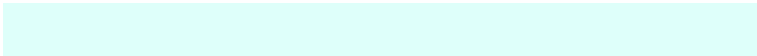
81, 31.997, 52.639

Sweetspot

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



81, 31.998, 182.637



98, 11.664, 185.576



80, 58.236, 137.156



52, 8.129, 185.373



0, 0.000, 0.000



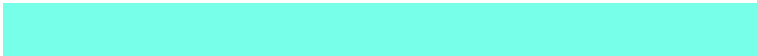
53, 0.007, 296.813

Same Dimension

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



81, 31.998, 182.637



92, 42.061, 181.644



72, 25.507, 241.708



45, 4.534, 185.916



63, 44.028, 175.600



16, 17.118, 178.711

Inverse Universe

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



62, 39.779, 12.309



67, 55.018, 14.386



69, 33.149, 52.622



43, 4.729, 7.429



36, 71.461, 32.285



5, 23.722, 13.516

Previews

White Background



This preview shows how the CIE LCh color 81, 31.997, 182.639 looks on a white background.

Color Contrast Check

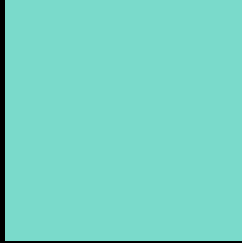
Large Text (above 18pt) WCAG AA × Fail

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 81, 31.997, 182.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

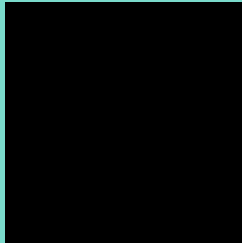
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

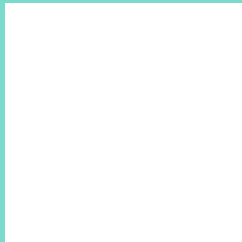
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 31.997, 182.639

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.997, 182.639.

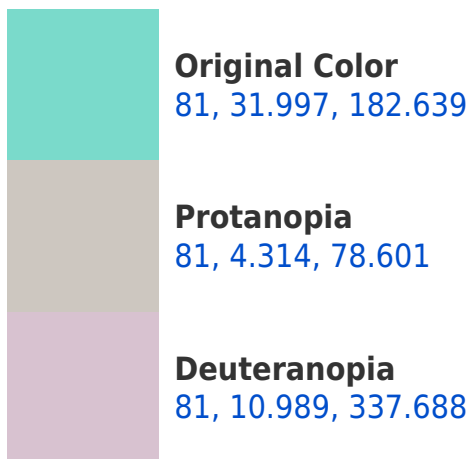


This preview shows how white text looks on a background with the CIELCh color 81, 31.997, 182.639.

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
81, 26.737, 217.697

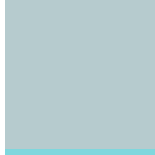
Trichromacy



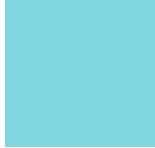
Original Color
81, 31.997, 182.639



Protanomaly
80, 12.387, 173.045



Deuteranomaly
80, 7.551, 211.188

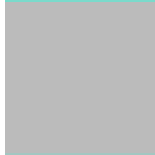


Tritanomaly
81, 27.341, 204.315

Monochromacy



Original Color
81, 31.997, 182.639



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 12.735, 186.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.997, 182.639 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(122, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(122, 218, 203)  
}
```

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(122, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 218, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.997, 182.639 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(122, 218, 203) }
```

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

```
.border{ border-color:rgb(122, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(122, 218,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.997, 182.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 218, 203) }
```

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

```
.background{ background-color: rgb(122,  
218, 203) }
```

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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