

Converting Colors

CIELCh(79, 37.782, 196.785)

Have a look what the booklet for
CIELCh(79, 37.782, 196.785)
contains.

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Color

CIELCh(79, 37.808, 196.797)

Conversions

Conversions Part 1

Format	Color
Hex	4ED7D7
RGB	78, 215, 215
RGB Percent	31%, 84%, 84%
CMY	0.6957, 0.1581, 0.1581
CMYK	0.64, 0.00, 0.00, 0.16
HSL	180°, 63%, 57%
HSV	180°, 64%, 84%
XYZ	39.5512, 54.9284, 72.5922
YIQ	174.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

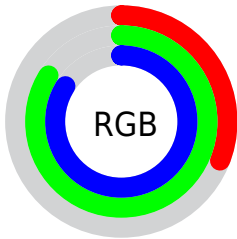
Format	Color
RYB	78, 147, 215
Decimal	5167063
CIELab	79.00, -36.19, -10.93
CIELCh	79, 37.808, 196.797
Yxy	54.9284, 0.2367, 0.3288
Android (android.graphics.Color)	4283357143 (0xFF4ED7D7)
YUV	174.0370, 20.1948, -84.2244
Hunter-Lab	74.1137, -34.4413, -6.1932

Details

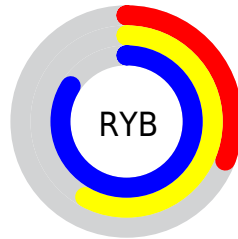
The CIELCh color **79, 37.808, 196.797** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 61.232, 28.594**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.553, 197.356**, and **60, 35.369, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.685, 196.606**, and if you desaturate by 10%, it is **80, 33.968, 197.052**.

Distribution



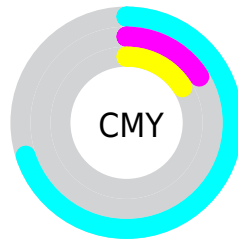
- Red (31%)
- Green (84%)
- Blue (84%)



- Red (31%)
- Yellow (58%)
- Blue (84%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (70%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 37.808, 196.797 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, 37.808, 196.797 by changing the saturation by 10% instead.


 79, 37.808,
196.797

 79, 37.808,
196.797


 100, 37.808,
196.797


 69, 37.808,
196.797


 99, 37.808,
196.797

 59, 37.808,
196.797

 49, 37.808,
196.797

 39, 37.808,
196.797

 29, 37.808,
196.797

 19, 37.808,
196.797

 9, 37.808, 196.797

0, 37.808, 196.797

79, 37.808,
196.797

79, 37.808,
196.797

79, 40.685,
196.606

80, 33.968,
197.052

78, 42.610,
196.480

80, 29.207,
197.375

78, 43.661,
196.411

81, 23.610,
197.761

78, 44.010,
196.389

82, 17.287,
198.209

84, 10.360,
198.719

85, 2.955, 199.390

■ 87, 4.812, 19.636

■ 89, 12.838, 20.303

■ 89, 14.983, 20.469

Harmonies

Complementary

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



79, 37.808, 196.797



52, 61.232, 28.594

Rectangle

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



79, 37.808, 196.797



79, 37.808, 246.797



79, 37.808, 16.797



79, 37.808, 66.797

Sweetspot

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



79, 37.808, 196.796



97, 16.080, 198.438



76, 83.749, 138.778



51, 10.963, 198.295



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, 37.808, 196.796



92, 47.309, 196.549



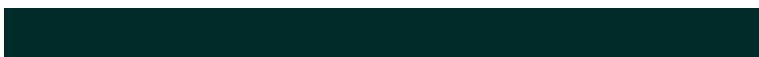
59, 41.503, 269.320



44, 4.287, 198.975



63, 37.122, 196.389



15, 14.558, 196.388

Inverse Universe

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



57, 82.639, 327.582



63, 106.679, 327.968



66, 49.889, 67.323



42, 7.847, 324.937



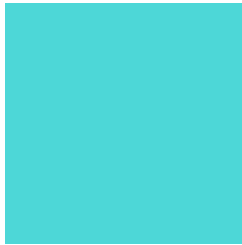
41, 85.605, 328.233



6, 32.951, 328.043

Previews

White Background



This preview shows how the CIELCh color 79, 37.808, 196.797 looks on a white background.

Color Contrast Check

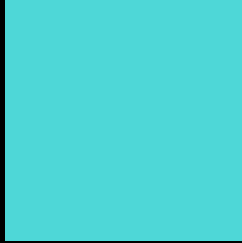
Large Text (above 18pt) WCAG AA × Fail

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, 37.808, 196.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

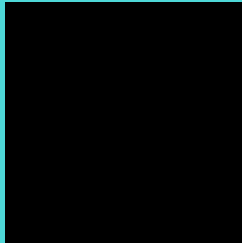
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

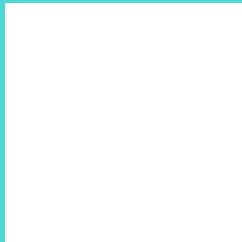
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 37.808, 196.797

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.808, 196.797.

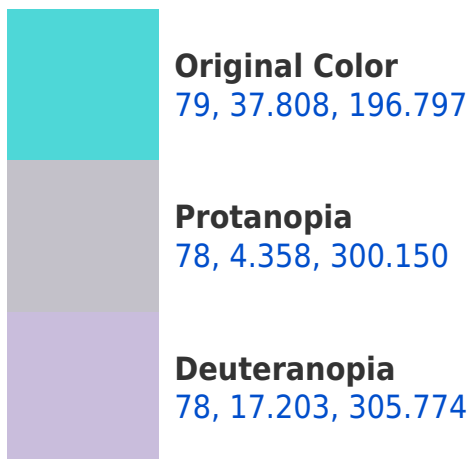


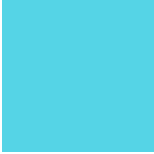
This preview shows how white text looks on a background with the CIELCh color 79, 37.808, 196.797.

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, 35.197, 213.204

Trichromacy



Original Color
79, 37.808, 196.797



Protanomaly
78, 16.652, 207.559



Deuteranomaly
78, 17.194, 237.432

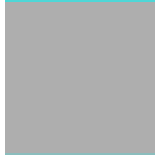


Tritanomaly
79, 35.903, 206.543

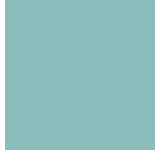
Monochromacy



Original Color
79, 37.808, 196.797



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 17.140, 198.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.808, 196.797 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(78, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(78, 215, 215)  
}
```

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(78, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 215, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.808, 196.797 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(78, 215, 215) }
```

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

```
.border{ border-color:rgb(78, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(78, 215,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.808, 196.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 215, 215) }
```

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

```
.background{ background-color: rgb(78, 215,  
215) }
```

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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