

Converting Colors

CIELCh(79, 31.938, 175.549)

Have a look what the booklet for
CIELCh(79, 31.938, 175.549)
contains.

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Color

CIELCh(79, 31.989, 175.467)

Conversions

Conversions Part 1

Format	Color
Hex	7BD4BE
RGB	123, 212, 190
RGB Percent	48%, 83%, 75%
CMY	0.5182, 0.1692, 0.2554
CMYK	0.42, 0.00, 0.10, 0.17
HSL	165°, 51%, 66%
HSV	165°, 42%, 83%
XYZ	40.9358, 54.9284, 57.0808
YIQ	182.8810, -45.9820, -25.7100

Conversions

Conversions Part 2

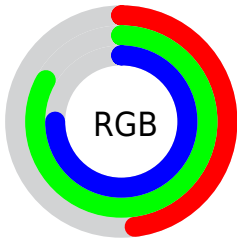
Format	Color
RYB	123, 174, 212
Decimal	8115390
CIELab	79.00, -31.89, 2.53
CIELCh	79, 31.989, 175.467
Yxy	54.9284, 0.2677, 0.3591
Android (android.graphics.Color)	4286305470 (0xFF7BD4BE)
YUV	182.8810, 3.5097, -52.5156
Hunter-Lab	74.1137, -31.1067, 6.2157

Details

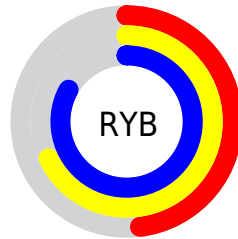
The CIELCh color **79, 31.989, 175.467** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 37.300, 5.034**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.261, 187.222**, and **59, 31.935, 175.676** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.346, 174.219**, and if you desaturate by 10%, it is **80, 25.005, 176.607**.

Distribution



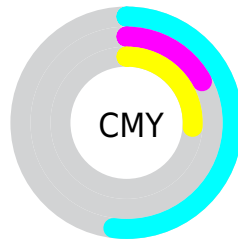
- Red (48%)
- Green (83%)
- Blue (75%)



- Red (48%)
- Yellow (68%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





- Cyan (52%)
- Magenta (17%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.989, 175.467 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, 31.989, 175.467 by changing the saturation by 10% instead.


 79, 31.989,
175.467

 79, 31.989,
175.467


 100, 31.989,
175.467


 69, 31.989,
175.467


 99, 31.989,
175.467

 59, 31.989,
175.467

 49, 31.989,
175.467

 39, 31.989,
175.467

 29, 31.989,
175.467

 19, 31.989,
175.467

 9, 31.989, 175.467

0, 31.989, 175.467

79, 31.989,
175.467

79, 31.989,
175.467

78, 38.346,
174.219

80, 25.005,
176.607

77, 43.952,
172.846

81, 17.530,
177.668

77, 48.715,
171.320

83, 9.697, 178.673

76, 52.596,
169.619

85, 1.632, 179.860

76, 55.625,
167.731

86, 6.559, 0.339

76, 57.593,
166.129

88, 14.789, 1.218

89, 17.441,
354.918

■ 89, 18.685,
347.311

■ 89, 20.230,
340.790

Harmonies

Complementary

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



79, 31.989, 175.467



62, 37.300, 5.034

Rectangle

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



79, 31.989, 175.467



79, 31.989, 225.467



79, 31.989, 355.467



79, 31.989, 45.467

Sweetspot

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



79, 31.990, 175.465



98, 12.187, 178.560



79, 53.007, 135.073



52, 8.504, 178.338



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, 31.990, 175.465



92, 43.073, 174.411



73, 23.564, 229.141



44, 4.637, 178.930



62, 48.833, 166.460



15, 18.082, 170.751

Inverse Universe

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



62, 37.300, 5.034



69, 51.871, 6.746



66, 31.534, 44.272



42, 4.790, 0.557



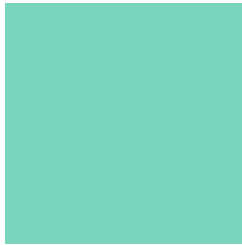
36, 66.662, 25.348



5, 22.138, 8.782

Previews

White Background



This preview shows how the CIELCh color 79, 31.989, 175.467 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, 31.989, 175.467 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

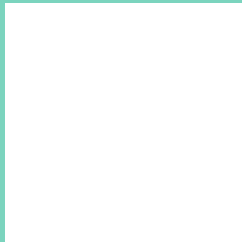
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.989, 175.467

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.989, 175.467.

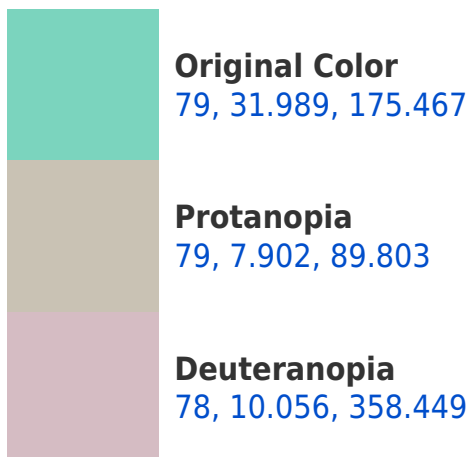


This preview shows how white text looks on a background with the CIELCh color 79, 31.989, 175.467.

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, 24.617, 219.733

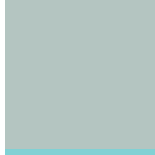
Trichromacy



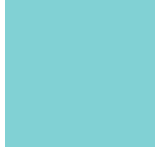
Original Color
79, 31.989, 175.467



Protanomaly
78, 13.161, 157.945



Deuteranomaly
78, 6.552, 179.894

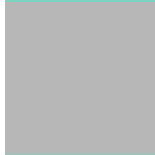


Tritanomaly
79, 25.427, 201.266

Monochromacy



Original Color
79, 31.989, 175.467



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 12.365, 178.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.989, 175.467 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(123, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(123, 212, 190)  
}
```

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(123, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 212, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.989, 175.467 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(123, 212, 190) }
```

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

```
.border{ border-color:rgb(123, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(123, 212,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.989, 175.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 212, 190) }
```

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

```
.background{ background-color: rgb(123,  
212, 190) }
```

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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