

Converting Colors

CIELCh(81, 28.459, 170.647)

Have a look what the booklet for
CIELCh(81, 28.459, 170.647)
contains.

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Color

CIELCh(81, 28.590, 170.838)

Conversions

Conversions Part 1

Format	Color
Hex	8ED8C0
RGB	142, 216, 192
RGB Percent	56%, 85%, 75%
CMY	0.4443, 0.1541, 0.2482
CMYK	0.34, 0.00, 0.11, 0.15
HSL	161°, 48%, 70%
HSV	161°, 34%, 85%
XYZ	45.0625, 58.4711, 58.6065
YIQ	191.1380, -36.4000, -23.1520

Conversions

Conversions Part 2

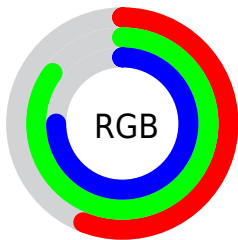
Format	Color
RYB	142, 186, 216
Decimal	9361600
CIELab	81.00, -28.23, 4.55
CIELCh	81, 28.590, 170.838
Yxy	58.4711, 0.2779, 0.3606
Android (android.graphics.Color)	4287551680 (0xFF8ED8C0)
YUV	191.1380, 0.4250, -43.0940
Hunter-Lab	76.4664, -28.6242, 8.0846

Details

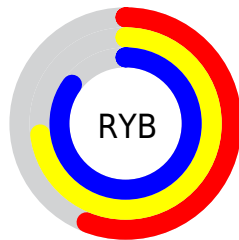
The CIELCh color **81, 28.590, 170.838** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 31.384, 358.197**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.385, 187.492**, and **61, 28.597, 171.178** is the 20% darker color. If you saturate the color by 10%, you get **80, 36.126, 169.603**, and if you desaturate by 10%, it is **82, 20.583, 171.960**.

Distribution



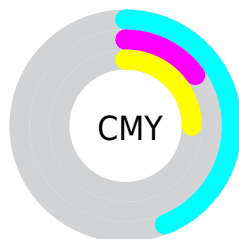
- Red (56%)
- Green (85%)
- Blue (75%)



- Red (56%)
- Yellow (73%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 28.590, 170.838 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, 28.590, 170.838 by changing the saturation by 10% instead.


 81, 28.590,
170.838


 81, 28.590,
170.838


 100, 28.590,
170.838


 71, 28.590,
170.838

 61, 28.590,
170.838

 51, 28.590,
170.838

 41, 28.590,
170.838

 31, 28.590,
170.838

 21, 28.590,
170.838

 11, 28.590,

170.838

■ 1, 28.590, 170.838

■ 0, 28.590, 170.838

■ 81, 28.590,
170.838

■ 81, 28.590,
170.838

■ 80, 36.126,
169.603

■ 82, 20.583,
171.960

■ 79, 43.045,
168.236

■ 84, 12.243,
173.002

■ 78, 49.216,
166.711

■ 85, 3.704, 174.044

■ 78, 54.547,
165.002

■ 87, 4.926, 354.694

■ 89, 13.555,
355.590

■ 77, 59.001,

163.091

90, 16.953,
347.388

77, 62.622,
160.977

90, 19.092,
338.165

77, 64.438,
159.734

90, 21.643,
331.021

91, 24.474,
325.520

Harmonies

Complementary

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



81, 28.590, 170.838



67, 31.384, 358.197

Rectangle

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



81, 28.590, 170.838



81, 28.590, 220.838



81, 28.590, 350.838



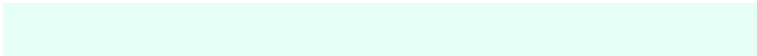
81, 28.590, 40.838

Sweetspot

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



81, 28.591, 170.836



98, 9.834, 173.426



81, 43.029, 133.037



52, 6.703, 173.283



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, 28.591, 170.836



93, 38.565, 169.975



78, 20.743, 216.771



44, 4.847, 173.495



62, 53.814, 160.121



15, 19.593, 164.878

Inverse Universe

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



67, 31.384, 358.197



74, 43.173, 359.321



69, 26.556, 36.106



42, 4.970, 355.131



36, 64.152, 18.529



5, 22.362, 4.969

Previews

White Background



This preview shows how the CIE LCh color 81, 28.590, 170.838 looks on a white background.

Color Contrast Check

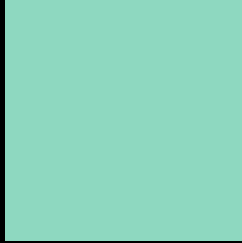
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 28.590, 170.838 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

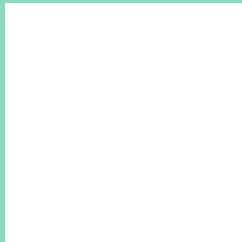
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 28.590, 170.838

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.590, 170.838.

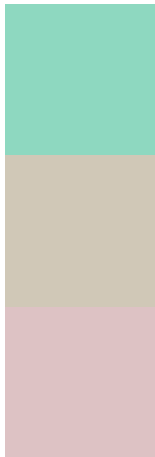


This preview shows how white text looks on a background with the CIELCh color 81, 28.590, 170.838.

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
81, 28.590, 170.838

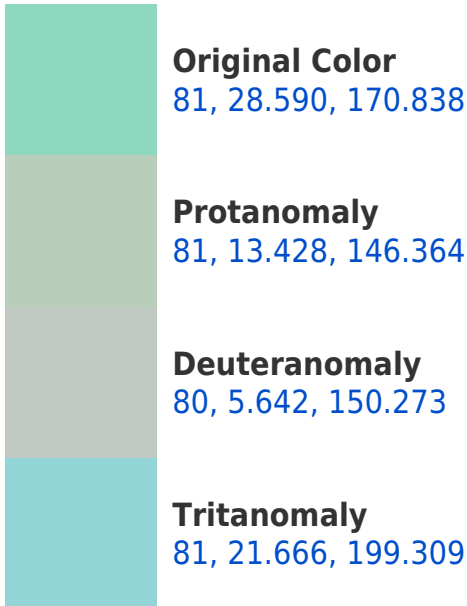
Protanopia
81, 9.487, 90.667

Deuteranopia
81, 10.176, 14.211

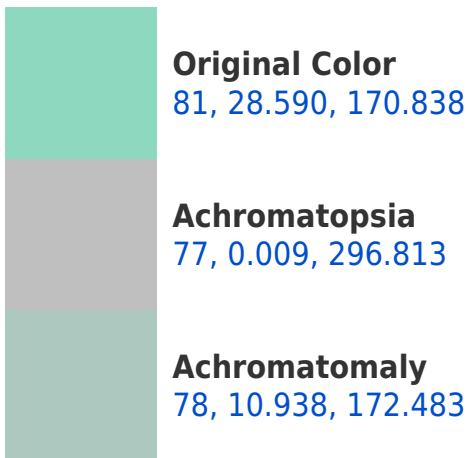


Tritanopia
81, 20.987, 222.246

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.590, 170.838 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(142, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 216, 192)  
}
```

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(142, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 216, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.590, 170.838 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(142, 216, 192) }
```

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

```
.border{ border-color:rgb(142, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 216,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.590, 170.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 216, 192) }
```

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

```
.background{ background-color: rgb(142,  
216, 192) }
```

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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