

Converting Colors

CIELCh(81, 29.733, 173.512)

Have a look what the booklet for
CIELCh(81, 29.733, 173.512)
contains.

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Color

CIELCh(81, 29.624, 173.974)

Conversions

Conversions Part 1

Format	Color
Hex	88D8C2
RGB	136, 216, 194
RGB Percent	53%, 85%, 76%
CMY	0.4653, 0.1515, 0.2378
CMYK	0.37, 0.00, 0.10, 0.15
HSL	163°, 51%, 69%
HSV	163°, 37%, 85%
XYZ	44.6356, 58.4711, 60.1791
YIQ	189.5720, -40.6180, -23.8020

Conversions

Conversions Part 2

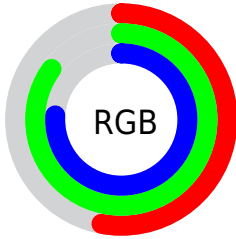
Format	Color
RYB	136, 182, 216
Decimal	8968386
CIELab	81.00, -29.46, 3.11
CIElCh	81, 29.624, 173.974
Yxy	58.4711, 0.2734, 0.3581
Android (android.graphics.Color)	4287158466 (0xFF88D8C2)
YUV	189.5720, 2.1830, -46.9826
Hunter-Lab	76.4664, -29.6207, 6.8652

Details

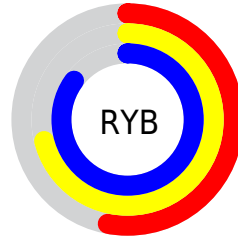
The CIELCh color **81, 29.624, 173.974** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 33.455, 2.121**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.936, 191.037**, and **61, 29.760, 173.298** is the 20% darker color. If you saturate the color by 10%, you get **80, 36.638, 172.745**, and if you desaturate by 10%, it is **82, 22.063, 175.097**.

Distribution



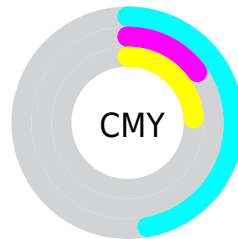
- Red (53%)
- Green (85%)
- Blue (76%)



- Red (53%)
- Yellow (71%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (47%)
- Magenta (15%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 29.624, 173.974 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, 29.624, 173.974 by changing the saturation by 10% instead.


 81, 29.624,
173.974


 81, 29.624,
173.974


 100, 29.624,
173.974


 71, 29.624,
173.974


 61, 29.624,
173.974

 51, 29.624,
173.974

 41, 29.624,
173.974

 31, 29.624,
173.974

 21, 29.624,
173.974

 11, 29.624,

173.974

■ 1, 29.624, 173.974

■ 0, 29.624, 173.974

■ 81, 29.624,
173.974

■ 81, 29.624,
173.974

■ 80, 36.638,
172.745

■ 82, 22.063,
175.097

■ 79, 42.964,
171.392

■ 84, 14.093,
176.143

■ 78, 48.488,
169.888

■ 85, 5.849, 177.157

■ 78, 53.136,
168.209

■ 87, 2.552, 357.772

■ 89, 11.013,
358.782

■ 77, 56.899,

166.337

90, 15.695,
353.734

77, 59.860,
164.277

90, 17.217,
344.462

77, 60.682,
163.653

90, 19.130,
336.913

90, 21.327,
330.876

Harmonies

Complementary

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



81, 29.624, 173.974



66, 33.455, 2.121

Rectangle

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



81, 29.624, 173.974



81, 29.624, 223.974



81, 29.624, 353.974



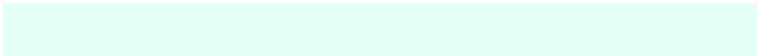
81, 29.624, 43.974

Sweetspot

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



81, 29.625, 173.972



98, 10.497, 176.736



81, 47.146, 134.408



52, 7.044, 176.598



0, 0.000, 0.000



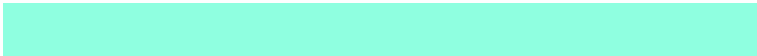
53, 0.007, 296.813

Same Dimension

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



81, 29.625, 173.972



93, 39.503, 173.072



77, 21.680, 223.758



44, 4.708, 176.906



62, 50.599, 164.027



15, 18.615, 168.519

Inverse Universe

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



66, 33.455, 2.121



72, 45.762, 3.423



69, 28.142, 40.968



42, 4.850, 358.544



36, 65.637, 22.960



5, 22.205, 7.469

Previews

White Background



This preview shows how the CIE LCh color 81, 29.624, 173.974 looks on a white background.

Color Contrast Check

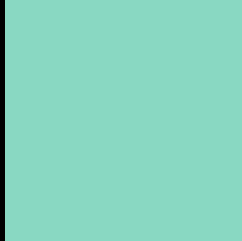
Large Text (above 18pt) WCAG AA × Fail

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, 29.624, 173.974 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

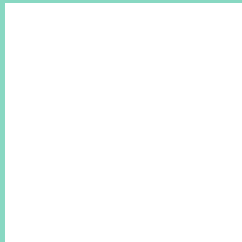
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 29.624, 173.974

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.624, 173.974.

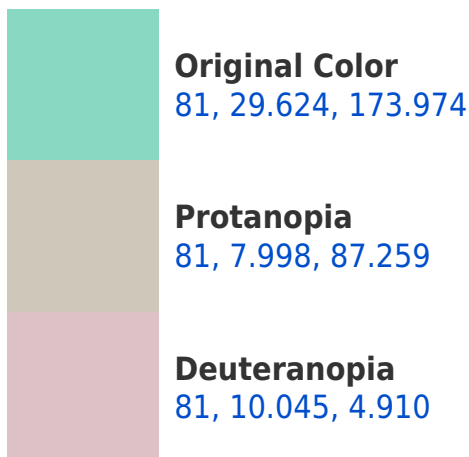


This preview shows how white text looks on a background with the CIELCh color 81, 29.624, 173.974.

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, 22.402, 222.069

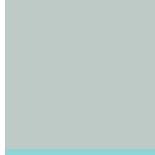
Trichromacy



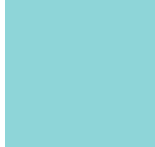
Original Color
81, 29.624, 173.974



Protanomaly
80, 12.687, 153.151



Deuteranomaly
80, 5.139, 167.968

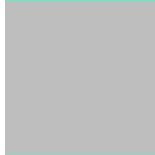


Tritanomaly
81, 22.986, 201.827

Monochromacy



Original Color
81, 29.624, 173.974



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 11.649, 176.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.624, 173.974 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(136, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 216, 194)  
}
```

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(136, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 216, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.624, 173.974 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(136, 216, 194) }
```

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

```
.border{ border-color:rgb(136, 216, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 216, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 216,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.624, 173.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 216, 194) }
```

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

```
.background{ background-color: rgb(136,  
216, 194) }
```

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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