

Converting Colors

CIELCh(81, 14.955, 223.922)

Have a look what the booklet for
CIELCh(81, 14.955, 223.922)
contains.

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Color

CIELCh(81, 14.955, 223.922)

Conversions

Conversions Part 1

Format	Color
Hex	A7D0DC
RGB	167, 208, 220
RGB Percent	65%, 82%, 86%
CMY	0.3452, 0.1844, 0.1374
CMYK	0.24, 0.05, 0.00, 0.14
HSL	194°, 43%, 76%
HSV	194°, 24%, 86%
XYZ	51.3893, 58.4711, 76.2626
YIQ	197.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

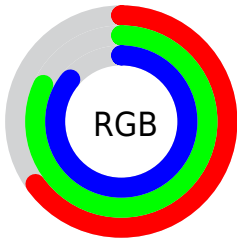
Format	Color
RYB	167, 190, 220
Decimal	10997980
CIELab	81.00, -10.77, -10.37
CIElCh	81, 14.955, 223.922
Yxy	58.4711, 0.2761, 0.3142
Android (android.graphics.Color)	4289188060 (0xFFA7D0DC)
YUV	197.1090, 11.2853, -26.4056
Hunter-Lab	76.4664, -13.8551, -5.6055

Details

The CIELCh color **81, 14.955, 223.922** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 17.525, 41.949**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **61, 14.918, 222.994** is the 20% darker color. If you saturate the color by 10%, you get **78, 20.430, 224.808**, and if you desaturate by 10%, it is **84, 9.008, 223.274**.

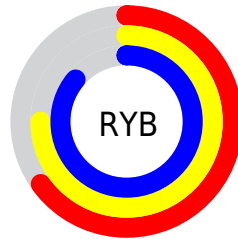
Distribution



Red (65%)

Green (82%)

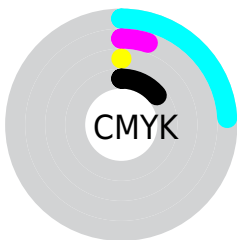
Blue (86%)



Red (65%)

Yellow (75%)

Blue (86%)

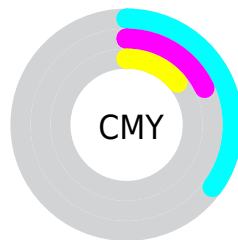


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 14.955, 223.922 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, 14.955, 223.922 by changing the saturation by 10% instead.

■ 81, 14.955,
223.922

■ 81, 14.955,
223.922

■ 100, 14.955,
223.922

■ 71, 14.955,
223.922

■ 61, 14.955,
223.922

■ 51, 14.955,
223.922

■ 41, 14.955,
223.922

■ 31, 14.955,
223.922

■ 21, 14.955,
223.922

■ 11, 14.955,

223.922

■ 1, 14.955, 223.922

■ 0, 14.955, 223.922

■ 81, 14.955,
223.922

■ 81, 14.955,
223.922

■ 78, 20.430,
224.808

■ 84, 9.008, 223.274

■ 76, 25.338,
226.004

■ 87, 2.683, 222.942

■ 89, 3.940, 42.244

■ 74, 29.590,
227.575

■ 93, 10.786, 42.109

■ 71, 33.115,
229.606

■ 94, 10.512, 58.696

■ 95, 11.119, 74.779

■ 69, 35.886,

232.188

96, 12.485, 88.202

68, 37.934,
235.404

97, 14.389, 98.473

66, 39.374,
239.299

99, 16.639,
106.102

65, 40.077,
241.820

Harmonies

Complementary

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



81, 14.955, 223.922



76, 17.525, 41.949

Rectangle

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



81, 14.955, 223.922



81, 14.955, 273.922



81, 14.955, 43.922



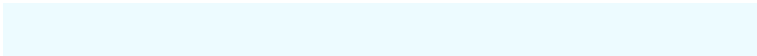
81, 14.955, 93.922

Sweetspot

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



81, 14.955, 223.916



98, 5.134, 222.979



83, 29.311, 149.352



52, 3.331, 222.997



0, 0.000, 0.000



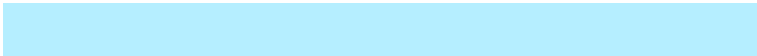
53, 0.007, 296.813

Same Dimension

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



81, 14.955, 223.916



91, 19.944, 224.341



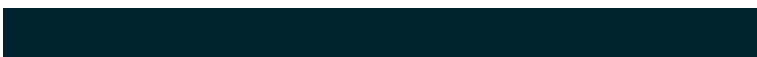
74, 21.013, 278.373



45, 3.663, 223.059



52, 33.456, 241.045



12, 13.144, 232.627

Inverse Universe

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



74, 29.258, 333.040



82, 39.682, 333.402



83, 20.839, 91.925



43, 6.834, 332.038



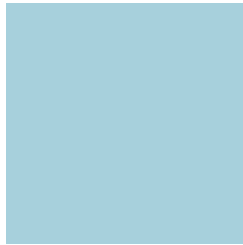
39, 72.750, 339.739



6, 29.469, 337.331

Previews

White Background



This preview shows how the CIE LCh color 81, 14.955, 223.922 looks on a white background.

Color Contrast Check

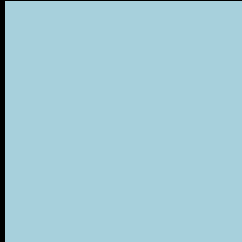
Large Text (above 18pt) WCAG AA × Fail

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, 14.955, 223.922 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

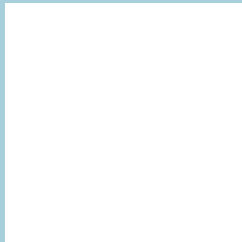
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 14.955, 223.922

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.955, 223.922.

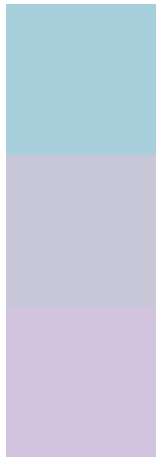


This preview shows how white text looks on a background with the CIELCh color 81, 14.955, 223.922.

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](#).

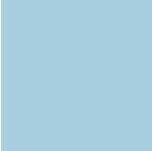
Dichromacy



Original Color
81, 14.955, 223.922

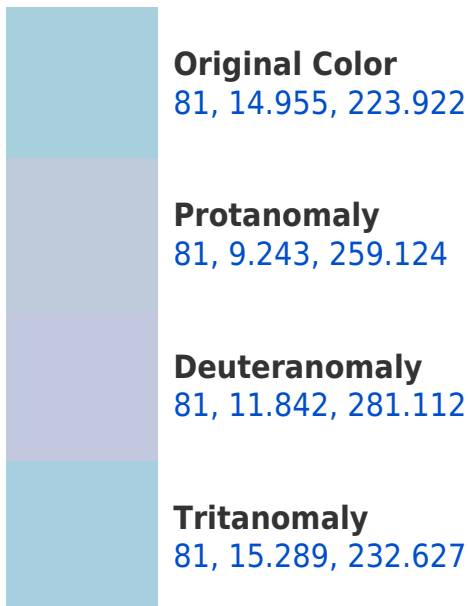
Protanopia
81, 8.530, 293.316

Deuteranopia
81, 15.890, 310.851



Tritanopia
81, 15.548, 234.385

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.955, 223.922 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(167, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 220)  
}
```

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(167, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.955, 223.922 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(167, 208, 220) }
```

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

```
.border{ border-color:rgb(167, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.955, 223.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 220) }
```

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

```
.background{ background-color: rgb(167,  
208, 220) }
```

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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