

Converting Colors

CIELCh(81, 17.102, 228.495)

Have a look what the booklet for
CIELCh(81, 17.102, 228.495)
contains.

CIELCh(81, 17.102, 228.495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 17.102, 228.495)

Conversions

Conversions Part 1

Format	Color
Hex	A2D0E0
RGB	162, 208, 224
RGB Percent	64%, 82%, 88%
CMY	0.3629, 0.1825, 0.1197
CMYK	0.28, 0.07, 0.00, 0.12
HSL	195°, 50%, 76%
HSV	195°, 28%, 88%
XYZ	51.1771, 58.4711, 79.4406
YIQ	196.0700, -32.5520, -4.7760

Conversions

Conversions Part 2

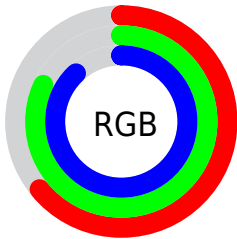
Format	Color
RYB	162, 188, 224
Decimal	10670304
CIELab	81.00, -11.33, -12.81
CIElCh	81, 17.102, 228.495
Yxy	58.4711, 0.2707, 0.3092
Android (android.graphics.Color)	4288860384 (0xFFA2D0E0)
YUV	196.0700, 13.7695, -29.8794
Hunter-Lab	76.4664, -14.3504, -8.0696

Details

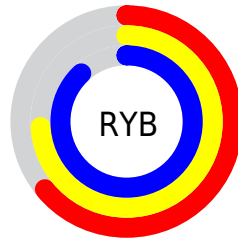
The CIELCh color **81, 17.102, 228.495** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 20.434, 45.290**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **61, 17.035, 228.193** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.487, 229.701**, and if you desaturate by 10%, it is **84, 11.238, 227.574**.

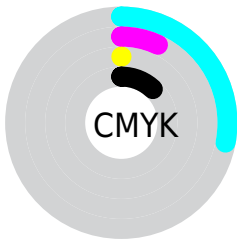
Distribution



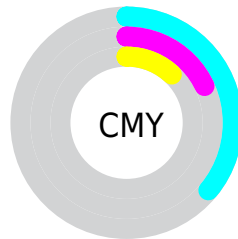
- Red (64%)
- Green (82%)
- Blue (88%)



- Red (64%)
- Yellow (74%)
- Blue (88%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.102, 228.495 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, 17.102, 228.495 by changing the saturation by 10% instead.

■ 81, 17.102,
228.495

■ 81, 17.102,
228.495

■ 100, 17.102,
228.495

■ 71, 17.102,
228.495

■ 61, 17.102,
228.495

■ 51, 17.102,
228.495

■ 41, 17.102,
228.495

■ 31, 17.102,
228.495

■ 21, 17.102,
228.495

■ 11, 17.102,

228.495

■ 1, 17.102, 228.495

■ 0, 17.102, 228.495

■ 81, 17.102,
228.495

■ 81, 17.102,
228.495

■ 78, 22.487,
229.701

■ 84, 11.238,
227.574

■ 76, 27.306,
231.274

■ 87, 4.984, 226.929

■ 90, 1.577, 45.919

■ 73, 31.482,
233.293

■ 93, 8.375, 45.817

■ 71, 34.966,
235.852

■ 95, 9.232, 65.462

■ 68, 37.763,

■ 96, 10.479, 85.130

239.041

98, 12.651, 99.250

66, 39.946,
242.922

99, 15.350,
108.749

64, 41.692,
247.466

99, 15.447,
109.010

64, 42.102,
248.569

Harmonies

Complementary

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



81, 17.102, 228.495



76, 20.434, 45.290

Rectangle

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



81, 17.102, 228.495



81, 17.102, 278.495



81, 17.102, 48.495



81, 17.102, 98.495

Sweetspot

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



81, 17.102, 228.490



97, 5.792, 226.949



84, 33.316, 150.207



51, 4.102, 227.029



0, 0.000, 0.000



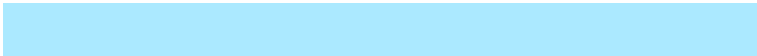
53, 0.007, 296.813

Same Dimension

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



81, 17.102, 228.490



89, 22.228, 229.129



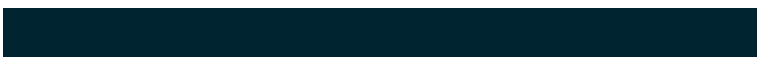
73, 25.606, 281.221



46, 3.694, 227.021



51, 34.922, 247.719



12, 13.788, 238.894

Inverse Universe

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



74, 33.360, 334.534



80, 44.114, 334.957



84, 25.117, 93.862



44, 6.809, 333.233



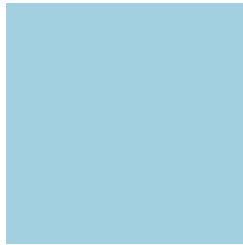
39, 71.903, 341.844



7, 30.187, 339.111

Previews

White Background



This preview shows how the CIE LCh color 81, 17.102, 228.495 looks on a white background.

Color Contrast Check

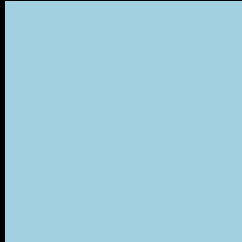
Large Text (above 18pt) WCAG AA × Fail

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, 17.102, 228.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

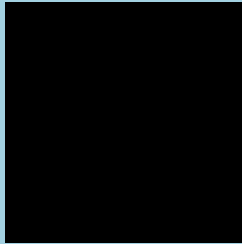
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.102, 228.495

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.102, 228.495.



This preview shows how white text looks on a background with the CIELCh color 81, 17.102, 228.495.

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

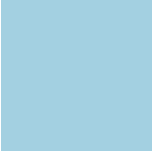
81, 17.102, 228.495

Protanopia

81, 10.644, 291.123

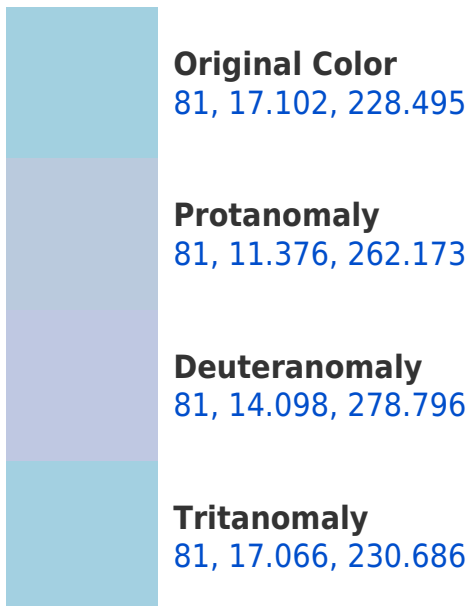
Deuteranopia

81, 17.709, 306.452

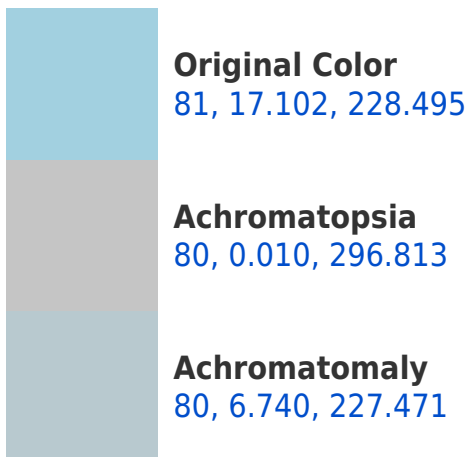


Tritanopia
81, 17.066, 230.686

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.102, 228.495 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(162, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(162, 208, 224)  
}
```

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(162, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 208, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.102, 228.495 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(162, 208, 224) }
```

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

```
.border{ border-color:rgb(162, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(162, 208,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.102, 228.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 208, 224) }
```

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

```
.background{ background-color: rgb(162,  
208, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor