

Converting Colors

CIELCh(82, 17.158, 228.593)

Have a look what the booklet for
CIELCh(82, 17.158, 228.593)
contains.

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Color

CIELCh(82, 17.078, 228.459)

Conversions

Conversions Part 1

Format	Color
Hex	A5D3E3
RGB	165, 211, 227
RGB Percent	65%, 83%, 89%
CMY	0.3520, 0.1716, 0.1088
CMYK	0.27, 0.07, 0.00, 0.11
HSL	195°, 53%, 77%
HSV	195°, 27%, 89%
XYZ	52.8243, 60.2982, 81.7108
YIQ	199.0700, -32.5520, -4.7760

Conversions

Conversions Part 2

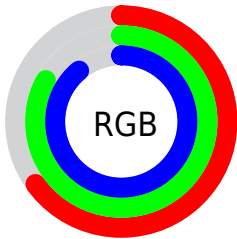
Format	Color
RYB	165, 191, 227
Decimal	10867683
CIELab	82.00, -11.33, -12.78
CIELCh	82, 17.078, 228.459
Yxy	60.2982, 0.2711, 0.3095
Android (android.graphics.Color)	4289057763 (0xFFA5D3E3)
YUV	199.0700, 13.7695, -29.8794
Hunter-Lab	77.6519, -14.4625, -8.0328

Details

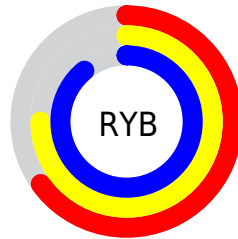
The CIELCh color **82, 17.078, 228.459** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 20.358, 45.296**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **62, 17.242, 229.927** is the 20% darker color. If you saturate the color by 10%, you get **79, 22.534, 229.655**, and if you desaturate by 10%, it is **85, 11.141, 227.546**.

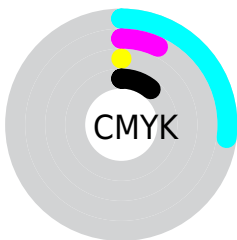
Distribution



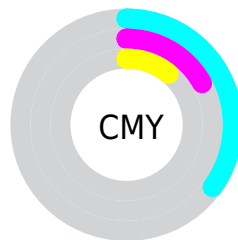
- Red (65%)
- Green (83%)
- Blue (89%)



- Red (65%)
- Yellow (75%)
- Blue (89%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 17.078, 228.459 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 82, 17.078, 228.459 by changing the saturation by 10% instead.

■ 82, 17.078,
228.459

■ 82, 17.078,
228.459

■ 100, 17.078,
228.459

■ 72, 17.078,
228.459

■ 62, 17.078,
228.459

■ 52, 17.078,
228.459

■ 42, 17.078,
228.459

■ 32, 17.078,
228.459

■ 22, 17.078,
228.459

■ 12, 17.078,

228.459

■ 2, 17.078, 228.459

■ 0, 17.078, 228.459

■ 82, 17.078,
228.459

■ 82, 17.078,
228.459

■ 79, 22.534,
229.655

■ 85, 11.141,
227.546

■ 76, 27.421,
231.217

■ 88, 4.812, 226.911

■ 74, 31.659,
233.222

■ 91, 1.824, 45.947

■ 71, 35.199,
235.765

■ 94, 8.316, 47.072

■ 69, 38.043,

■ 96, 8.585, 71.870

■ 97, 10.237, 91.682

238.937

99, 12.731,
104.788

67, 40.265,
242.801

99, 14.040,
109.117

65, 42.033,
247.338

65, 42.504,
248.604

Harmonies

Complementary

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



82, 17.078, 228.459



77, 20.358, 45.296

Rectangle

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



82, 17.078, 228.459



82, 17.078, 278.459



82, 17.078, 48.459



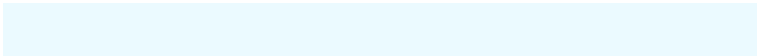
82, 17.078, 98.459

Sweetspot

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



82, 17.078, 228.454



97, 5.792, 226.947



85, 33.237, 150.238



51, 4.102, 227.026



0, 0.000, 0.000



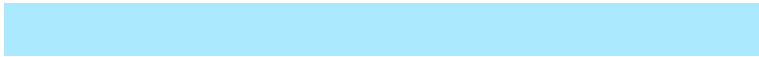
53, 0.007, 296.813

Same Dimension

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



82, 17.078, 228.454



89, 22.228, 229.126



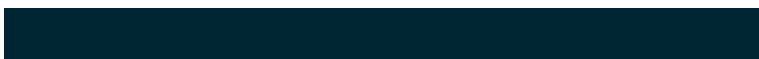
74, 25.533, 281.164



47, 3.763, 227.021



52, 35.307, 247.771



13, 14.261, 239.419

Inverse Universe

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



75, 33.280, 334.510



80, 44.115, 334.956



85, 25.053, 93.903



45, 6.936, 333.234



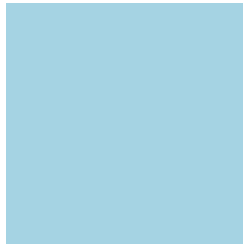
40, 72.661, 341.861



8, 31.334, 339.258

Previews

White Background



This preview shows how the CIELCh color 82, 17.078, 228.459 looks on a white background.

Color Contrast Check

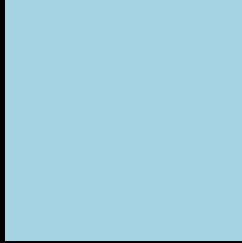
Large Text (above 18pt) WCAG AA × Fail

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 82, 17.078, 228.459 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 82, 17.078, 228.459

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.078, 228.459.

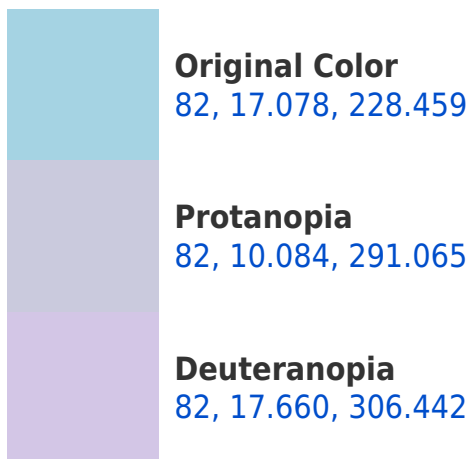


This preview shows how white text looks on a background with the CIELCh color 82, 17.078, 228.459.

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



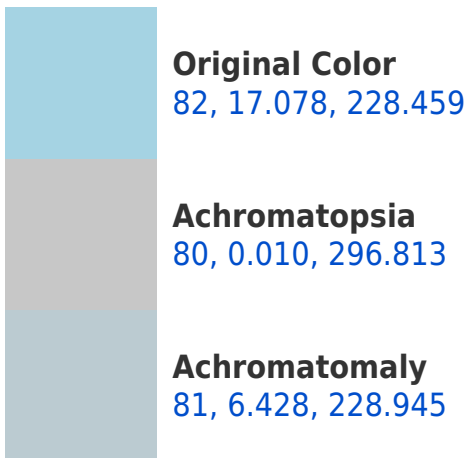


Tritanopia
82, 17.298, 230.101

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.078, 228.459 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(165, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(165, 211, 227)  
}
```

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(165, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 211, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.078, 228.459 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(165, 211, 227) }
```

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

```
.border{ border-color:rgb(165, 211, 227) }
```

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

Here you see how a box with a 4 pixel rgb(165, 211, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(165, 211,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.078, 228.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 211, 227) }
```

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

```
.background{ background-color: rgb(165,  
211, 227) }
```

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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