

Converting Colors

CIELCh(82, 21.131, 223.634)

Have a look what the booklet for
CIELCh(82, 21.131, 223.634)
contains.

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Color

CIELCh(82, 21.131, 223.638)

Conversions

Conversions Part 1

Format	Color
Hex	98D5E6
RGB	152, 213, 230
RGB Percent	60%, 84%, 90%
CMY	0.4020, 0.1628, 0.0961
CMYK	0.34, 0.07, 0.00, 0.10
HSL	193°, 61%, 75%
HSV	193°, 34%, 90%
XYZ	51.3096, 60.2982, 84.1626
YIQ	196.6990, -41.8130, -7.6450

Conversions

Conversions Part 2

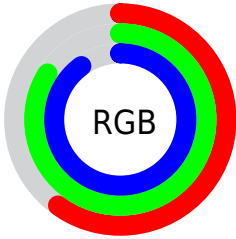
Format	Color
RYB	152, 186, 230
Decimal	10016230
CIELab	82.00, -15.29, -14.58
CIElCh	82, 21.131, 223.638
Yxy	60.2982, 0.2621, 0.3080
Android (android.graphics.Color)	4288206310 (0xFF98D5E6)
YUV	196.6990, 16.4174, -39.2010
Hunter-Lab	77.6519, -17.9444, -9.9048

Details

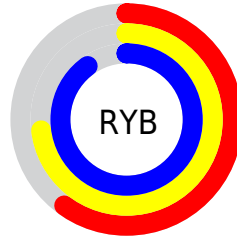
The CIELCh color **82, 21.131, 223.638** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 26.757, 41.063**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **62, 20.929, 223.569** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.234, 224.764**, and if you desaturate by 10%, it is **85, 15.428, 222.800**.

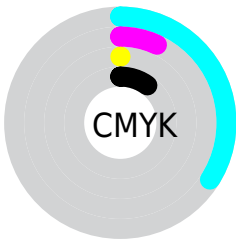
Distribution



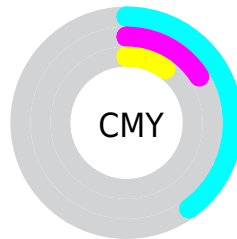
- Red (60%)
- Green (84%)
- Blue (90%)



- Red (60%)
- Yellow (73%)
- Blue (90%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)





- Cyan (40%)
- Magenta (16%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.131, 223.638 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, 21.131, 223.638 by changing the saturation by 10% instead.


 82, 21.131,
223.638


 82, 21.131,
223.638


 100, 21.131,
223.638


 72, 21.131,
223.638

 62, 21.131,
223.638

 52, 21.131,
223.638

 42, 21.131,
223.638

 32, 21.131,
223.638

 22, 21.131,
223.638

 12, 21.131,

223.638

■ 2, 21.131, 223.638

■ 0, 21.131, 223.638

■ 82, 21.131,
223.638

■ 82, 21.131,
223.638

■ 79, 26.234,
224.764

■ 85, 15.428,
222.800

■ 77, 30.642,
226.258

■ 87, 9.228, 222.209

■ 75, 34.279,
228.200

■ 90, 2.628, 221.935

■ 73, 37.112,
230.680

■ 93, 4.284, 41.269

■ 71, 39.171,

■ 95, 7.234, 54.603

■ 97, 7.848, 77.981

233.783

98, 9.501, 95.472

69, 40.570,
237.558

99, 11.753,
106.964

68, 41.248,
240.130

99, 12.401,
109.240

Harmonies

Complementary

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



82, 21.131, 223.638



75, 26.757, 41.063

Rectangle

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



82, 21.131, 223.638



82, 21.131, 273.638



82, 21.131, 43.638



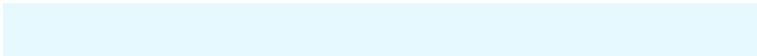
82, 21.131, 93.638

Sweetspot

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



82, 21.131, 223.634



97, 7.306, 222.048



85, 42.657, 148.420



51, 4.967, 222.104



0, 0.000, 0.000



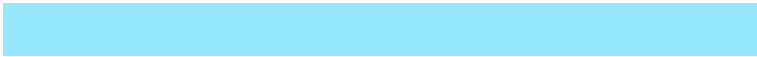
53, 0.007, 296.813

Same Dimension

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



82, 21.131, 223.634



88, 26.944, 224.436



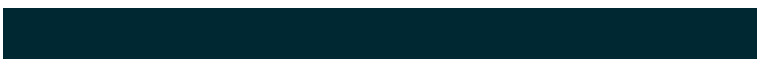
72, 30.999, 280.193



47, 3.816, 222.027



54, 33.976, 239.348



14, 14.020, 232.054

Inverse Universe

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



72, 42.828, 333.413



75, 55.924, 333.949



84, 30.592, 90.642



45, 7.137, 331.734



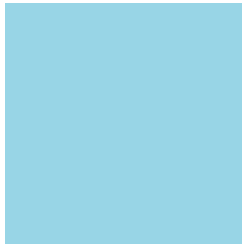
40, 74.757, 339.237



8, 32.146, 337.193

Previews

White Background



This preview shows how the CIELCh color 82, 21.131, 223.638 looks on a white background.

Color Contrast Check

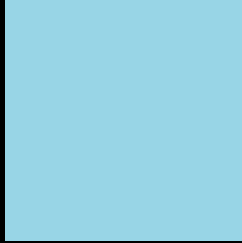
Large Text (above 18pt) WCAG AA × Fail

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, 21.131, 223.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

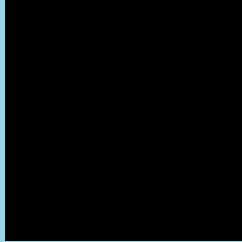
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.131, 223.638

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.131, 223.638.



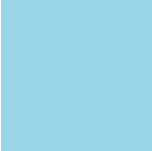
This preview shows how white text looks on a background with the CIELCh color 82, 21.131, 223.638.

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, 21.048, 225.393

Trichromacy



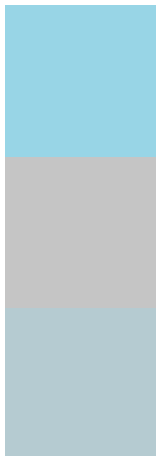
Original Color
82, 21.131, 223.638

Protanomaly
82, 12.975, 254.197

Deuteranomaly
82, 16.150, 272.098

Tritanomaly
82, 21.048, 225.393

Monochromacy



Original Color
82, 21.131, 223.638

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 8.272, 221.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.131, 223.638 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(152, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 230)  
}
```

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(152, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.131, 223.638 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(152, 213, 230) }
```

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

```
.border{ border-color:rgb(152, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.131, 223.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 230) }
```

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

```
.background{ background-color: rgb(152,  
213, 230) }
```

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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