

Converting Colors

CIELCh(82, 20.830, 169.233)

Have a look what the booklet for
CIELCh(82, 20.830, 169.233)
contains.

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Color

CIELCh(82, 21.035, 169.279)

Conversions

Conversions Part 1

Format	Color
Hex	A3D7C4
RGB	163, 215, 196
RGB Percent	64%, 84%, 77%
CMY	0.3612, 0.1573, 0.2318
CMYK	0.24, 0.00, 0.09, 0.16
HSL	158°, 39%, 74%
HSV	158°, 24%, 84%
XYZ	49.3041, 60.2982, 61.1978
YIQ	197.2860, -24.8930, -16.9330

Conversions

Conversions Part 2

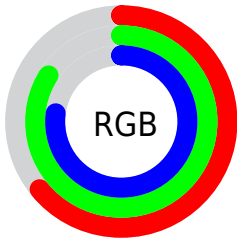
Format	Color
RYB	163, 195, 215
Decimal	10737604
CIELab	82.00, -20.67, 3.91
CIELCh	82, 21.035, 169.279
Yxy	60.2982, 0.2887, 0.3530
Android (android.graphics.Color)	4288927684 (0xFFA3D7C4)
YUV	197.2860, -0.6340, -30.0688
Hunter-Lab	77.6519, -22.5545, 7.6296

Details

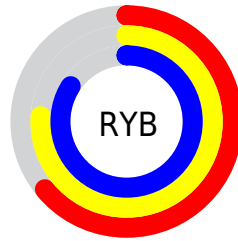
The CIELCh color **82, 21.035, 169.279** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 22.226, 354.048**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.236, 193.875**, and **62, 21.109, 168.911** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.327, 168.148**, and if you desaturate by 10%, it is **84, 12.448, 170.315**.

Distribution



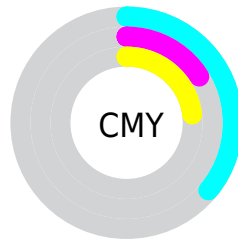
- Red (64%)
- Green (84%)
- Blue (77%)



- Red (64%)
- Yellow (76%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.035, 169.279 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, 21.035, 169.279 by changing the saturation by 10% instead.


 82, 21.035,
169.279


 82, 21.035,
169.279


 100, 21.035,
169.279


 72, 21.035,
169.279

 62, 21.035,
169.279

 52, 21.035,
169.279

 42, 21.035,
169.279

 32, 21.035,
169.279

 22, 21.035,
169.279

 12, 21.035,

169.279

■ 2, 21.035, 169.279

■ 0, 21.035, 169.279

■ 82, 21.035,
169.279

■ 82, 21.035,
169.279

■ 81, 29.327,
168.148

■ 84, 12.448,
170.315

■ 80, 37.175,
166.902

■ 85, 3.693, 171.346

■ 79, 44.434,
165.513

■ 87, 5.121, 351.993

■ 78, 50.968,
163.956

■ 89, 13.904,
352.865

■ 77, 56.676,

■ 90, 17.843,
344.714

162.207

90, 20.407,
335.334

77, 61.515,
160.249

90, 23.416,
328.282

76, 65.522,
158.086

90, 25.128,
325.300

76, 67.590,
156.793

Harmonies

Complementary

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



82, 21.035, 169.279



72, 22.226, 354.048

Rectangle

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



82, 21.035, 169.279



82, 21.035, 219.279



82, 21.035, 349.279



82, 21.035, 39.279

Sweetspot

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



82, 21.036, 169.277



99, 7.073, 171.031



82, 30.038, 132.498



52, 4.595, 170.968



0, 0.000, 0.000



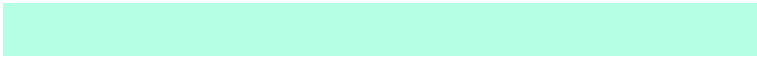
53, 0.007, 296.813

Same Dimension

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



82, 21.036, 169.277



95, 28.785, 168.716



81, 15.505, 212.228



44, 4.975, 170.792



62, 56.578, 157.183



15, 20.444, 162.092

Inverse Universe

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



72, 22.226, 354.048



81, 30.780, 354.689



73, 18.336, 32.547



42, 5.083, 352.409



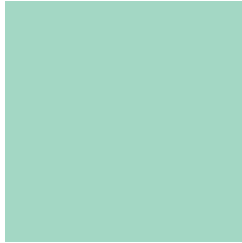
36, 63.264, 14.659



5, 22.541, 2.697

Previews

White Background



This preview shows how the CIE LCh color 82, 21.035, 169.279 looks on a white background.

Color Contrast Check

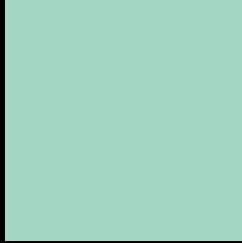
Large Text (above 18pt) WCAG AA × Fail

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, 21.035, 169.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

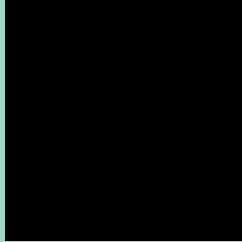
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

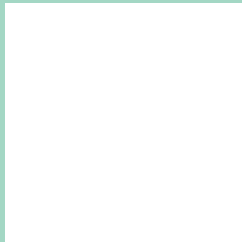
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 21.035, 169.279

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.035, 169.279.



This preview shows how white text looks on a background with the CIELCh color 82, 21.035, 169.279.

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
82, 21.035, 169.279

Protanopia
82, 7.833, 89.854

Deuteranopia
82, 10.196, 11.248



Tritanopia
82, 16.028, 233.032

Trichromacy



Original Color
82, 21.035, 169.279

Protanomaly
82, 9.506, 142.286

Deuteranomaly
82, 2.745, 125.415

Tritanomaly
82, 15.310, 206.380

Monochromacy



Original Color
82, 21.035, 169.279

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 7.862, 170.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.035, 169.279 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(163, 215, 196)` looks like.

```
.text, #text, p{  
    color:rgb(163, 215, 196)  
}
```

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(163, 215, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 215, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.035, 169.279 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(163, 215, 196) }
```

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

```
.border{ border-color:rgb(163, 215, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 215, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 215, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 215, 196);  
box-shadow:4px 4px 4px 4px rgb(163, 215,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.035, 169.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 215, 196) }
```

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

```
.background{ background-color: rgb(163,  
215, 196) }
```

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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