

Converting Colors

CIE LCh(82, 11.013, 170.206)

Have a look what the booklet for
CIELCh(82, 11.013, 170.206)
contains.

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Color

CIELCh(82, 11.109, 170.135)

Conversions

Conversions Part 1

Format	Color
Hex	B7D2C8
RGB	183, 210, 200
RGB Percent	72%, 82%, 78%
CMY	0.2825, 0.1766, 0.2159
CMYK	0.13, 0.00, 0.05, 0.18
HSL	158°, 23%, 77%
HSV	158°, 13%, 82%
XYZ	52.9712, 60.2982, 63.4607
YIQ	200.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

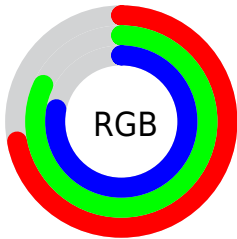
Format	Color
RYB	183, 200, 210
Decimal	12047048
CIELab	82.00, -10.94, 1.90
CIElCh	82, 11.109, 170.135
Yxy	60.2982, 0.2997, 0.3412
Android (android.graphics.Color)	4290237128 (0xFFB7D2C8)
YUV	200.7870, -0.3880, -15.5992
Hunter-Lab	77.6519, -14.1248, 5.9018

Details

The CIELCh color **82, 11.109, 170.135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 11.431, 352.442**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **62, 11.392, 168.893** is the 20% darker color. If you saturate the color by 10%, you get **80, 19.601, 169.104**, and if you desaturate by 10%, it is **84, 2.476, 171.204**.

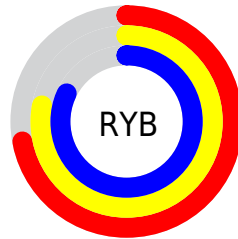
Distribution



Red (72%)

Green (82%)

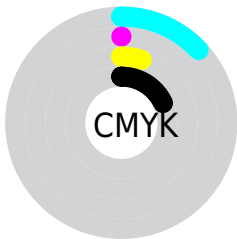
Blue (78%)



Red (72%)

Yellow (78%)

Blue (82%)

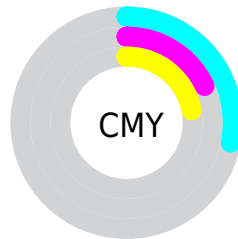


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (28%)


Magenta (18%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.109, 170.135 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, 11.109, 170.135 by changing the saturation by 10% instead.


 82, 11.109,
170.135


 82, 11.109,
170.135


 100, 11.109,
170.135


 72, 11.109,
170.135


 62, 11.109,
170.135

 52, 11.109,
170.135

 42, 11.109,
170.135

 32, 11.109,
170.135

 22, 11.109,
170.135

 12, 11.109,

170.135

■ 2, 11.109, 170.135

■ 0, 11.109, 170.135

■ 82, 11.109,
170.135

■ 82, 11.109,
170.135

■ 80, 19.601,
169.104

■ 84, 2.476, 171.204

■ 79, 27.821,
167.992

■ 86, 6.200, 351.798

■ 87, 14.832,
352.644

■ 78, 35.632,
166.764

■ 88, 19.617,
346.959

■ 77, 42.887,
165.397

■ 89, 22.005,
338.075

■ 76, 49.452,

163.865

89, 24.840,
331.143

76, 55.220,
162.143

89, 27.982,
325.771

75, 60.138,
160.215

89, 28.236,
325.408

75, 64.230,
158.078

75, 66.784,
156.488

Harmonies

Complementary

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



82, 11.109, 170.135



77, 11.431, 352.442

Rectangle

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



82, 11.109, 170.135



82, 11.109, 220.135



82, 11.109, 350.135



82, 11.109, 40.135

Sweetspot

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



82, 11.111, 170.130



99, 4.055, 171.043



82, 15.573, 132.497



53, 2.882, 170.953



0, 0.000, 0.000



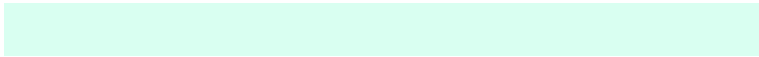
53, 0.007, 296.813

Same Dimension

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



82, 11.111, 170.130



97, 15.153, 169.899



81, 8.491, 210.265



43, 4.893, 170.474



61, 56.262, 156.872



14, 19.703, 162.127

Inverse Universe

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



77, 11.431, 352.442



90, 15.668, 352.687



77, 9.240, 30.520



41, 4.998, 352.082



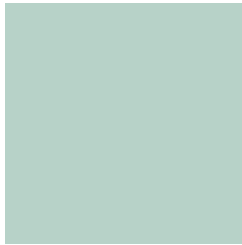
35, 62.470, 14.110



5, 20.819, 1.810

Previews

White Background



This preview shows how the CIE LCh color 82, 11.109, 170.135 looks on a white background.

Color Contrast Check

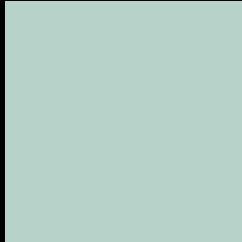
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 11.109, 170.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

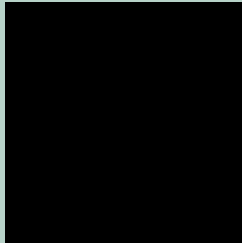
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 11.109, 170.135

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.109, 170.135.

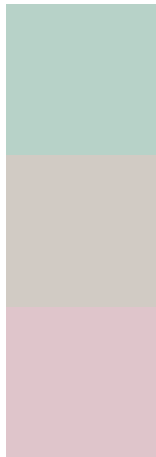


This preview shows how white text looks on a background with the CIELCh color 82, 11.109, 170.135.

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](#).

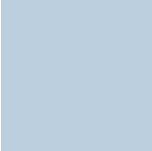
Dichromacy



Original Color
82, 11.109, 170.135

Protanopia
82, 4.297, 78.614

Deuteranopia
82, 10.154, 2.009



Tritanopia
82, 10.759, 251.313

Trichromacy



Original Color
82, 11.109, 170.135

Protanomaly
82, 5.258, 134.523

Deuteranomaly
82, 2.201, 19.320

Tritanomaly
82, 8.432, 225.138

Monochromacy



Original Color
82, 11.109, 170.135

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.975, 175.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.109, 170.135 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(183, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 200)  
}
```

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(183, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.109, 170.135 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(183, 210, 200) }
```

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

```
.border{ border-color:rgb(183, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 210,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.109, 170.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 200) }
```

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

```
.background{ background-color: rgb(183,  
210, 200) }
```

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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