

Converting Colors

CIELCh(82, 21.550, 206.495)

Have a look what the booklet for
CIELCh(82, 21.550, 206.495)
contains.

CIELCh(82, 21.533, 206.521)	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(82, 21.533, 206.521)

Conversions

Conversions Part 1

Format	Color
Hex	95D7DD
RGB	149, 215, 221
RGB Percent	58%, 84%, 87%
CMY	0.4152, 0.1563, 0.1328
CMYK	0.33, 0.03, 0.00, 0.13
HSL	185°, 52%, 73%
HSV	185°, 33%, 87%
XYZ	49.8216, 60.2982, 77.5127
YIQ	195.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

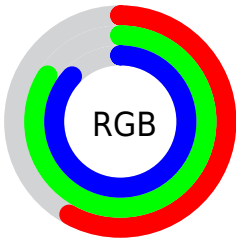
Format	Color
R_{YB}	149, 183, 221
Decimal	9820125
CIE _{Lab}	82.00, -19.27, -9.62
CIE _{LCh}	82, 21.533, 206.521
Yxy	60.2982, 0.2655, 0.3214
Android (android.graphics.Color)	4288010205 (0xFF95D7DD)
YUV	195.9500, 12.3497, -41.1751
Hunter-Lab	77.6519, -21.3649, -4.8273

Details

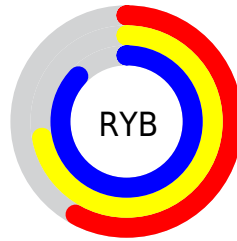
The CIELCh color **82, 21.533, 206.521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 27.215, 28.641**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **62, 21.437, 206.743** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.882, 206.609**, and if you desaturate by 10%, it is **84, 15.501, 206.560**.

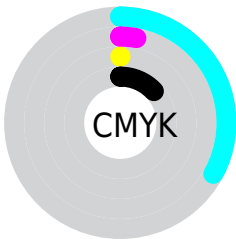
Distribution



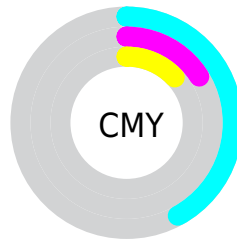
- Red (58%)
- Green (84%)
- Blue (87%)



- Red (58%)
- Yellow (72%)
- Blue (87%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)





- Cyan (42%)
- Magenta (16%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.533, 206.521 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, 21.533, 206.521 by changing the saturation by 10% instead.


 82, 21.533,
206.521


 82, 21.533,
206.521


 100, 21.533,
206.521


 72, 21.533,
206.521

 62, 21.533,
206.521

 52, 21.533,
206.521

 42, 21.533,
206.521

 32, 21.533,
206.521

 22, 21.533,
206.521

 12, 21.533,

206.521

■ 2, 21.533, 206.521

■ 0, 21.533, 206.521

■ 82, 21.533,
206.521

■ 82, 21.533,
206.521

■ 80, 26.882,
206.609

■ 84, 15.501,
206.560

■ 79, 31.434,
206.860

■ 86, 8.905, 206.726

■ 78, 35.093,
207.298

■ 88, 1.862, 207.201

■ 77, 37.800,
207.956

■ 90, 5.523, 27.056

■ 76, 39.549,

■ 92, 11.403, 28.450

■ 92, 10.921, 33.802

208.864

93, 10.545, 39.589

75, 40.401,
210.047

93, 10.284, 45.733

75, 40.609,
211.082

93, 10.149, 52.113

Harmonies

Complementary

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



82, 21.533, 206.521



70, 27.215, 28.641

Rectangle

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



82, 21.533, 206.521



82, 21.533, 256.521



82, 21.533, 26.521



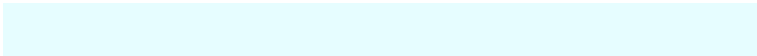
82, 21.533, 76.521

Sweetspot

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



82, 21.533, 206.517



98, 8.013, 206.789



82, 44.220, 143.903



52, 5.446, 206.752



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, 21.533, 206.517



92, 28.094, 206.563



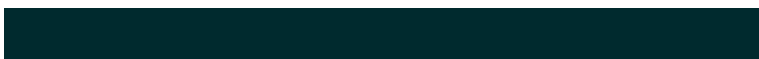
73, 23.958, 267.607



45, 4.032, 206.808



60, 33.911, 210.817



15, 13.813, 208.096

Inverse Universe

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



71, 43.722, 328.644



77, 58.431, 329.030



79, 25.291, 78.012



43, 7.558, 327.287



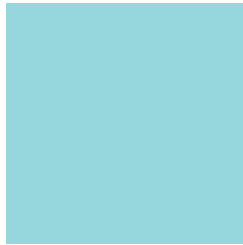
40, 81.098, 331.834



7, 32.604, 331.094

Previews

White Background



This preview shows how the CIE LCh color 82, 21.533, 206.521 looks on a white background.

Color Contrast Check

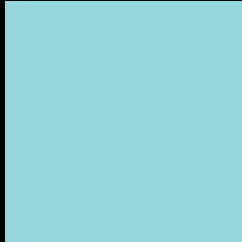
Large Text (above 18pt) WCAG AA × Fail

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, 21.533, 206.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

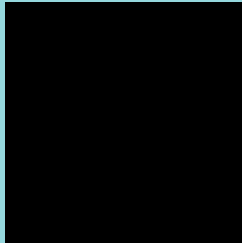
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.533, 206.521

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.533, 206.521.

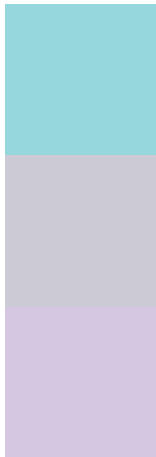


This preview shows how white text looks on a background with the CIELCh color 82, 21.533, 206.521.

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, 21.533, 206.521

Protanopia
82, 5.896, 297.660

Deuteranopia
82, 15.350, 311.496

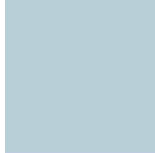


Tritanopia
82, 21.633, 222.960

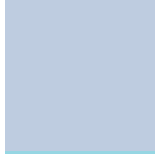
Trichromacy



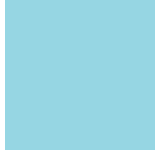
Original Color
82, 21.533, 206.521



Protanomaly
82, 9.187, 230.365



Deuteranomaly
82, 11.539, 266.493

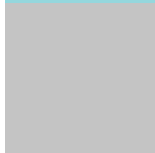


Tritanomaly
82, 21.378, 217.037

Monochromacy



Original Color
82, 21.533, 206.521



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 8.502, 206.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.533, 206.521 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(149, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(149, 215, 221)  
}
```

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(149, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 215, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.533, 206.521 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(149, 215, 221) }
```

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

```
.border{ border-color:rgb(149, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(149, 215,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.533, 206.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 215, 221) }
```

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

```
.background{ background-color: rgb(149,  
215, 221) }
```

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