

Converting Colors

CIELCh(82, 11.593, 193.497)

Have a look what the booklet for
CIELCh(82, 11.593, 193.497)
contains.

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Color

CIELCh(82, 11.533, 195.965)

Conversions

Conversions Part 1

Format	Color
Hex	B1D2D1
RGB	177, 210, 209
RGB Percent	69%, 82%, 82%
CMY	0.3044, 0.1749, 0.1789
CMYK	0.16, 0.00, 0.00, 0.17
HSL	178°, 27%, 76%
HSV	178°, 16%, 83%
XYZ	52.9158, 60.2982, 69.4221
YIQ	200.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

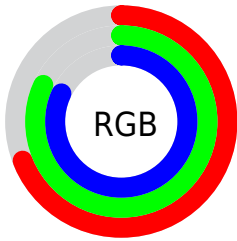
Format	Color
RYB	177, 194, 210
Decimal	11653841
CIELab	82.00, -11.09, -3.17
CIELCh	82, 11.533, 195.965
Yxy	60.2982, 0.2897, 0.3302
Android (android.graphics.Color)	4289843921 (0xFFB1D2D1)
YUV	200.0190, 4.4276, -20.1877
Hunter-Lab	77.6519, -14.2521, 1.3501

Details

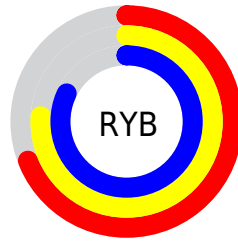
The CIELCh color $82, 11.533, 195.965$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $75, 12.690, 18.025$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 7.521, 199.018$, and $62, 11.672, 195.612$ is the 20% darker color. If you saturate the color by 10%, you get $81, 18.315, 195.353$, and if you desaturate by 10%, it is $83, 4.286, 196.652$.

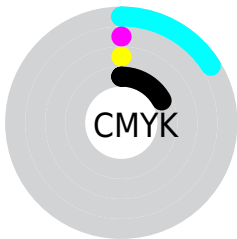
Distribution



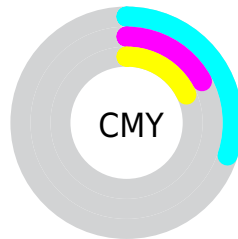
- Red (69%)
- Green (82%)
- Blue (82%)



- Red (69%)
- Yellow (76%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (30%)
- Magenta (17%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.533, 195.965 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, 11.533, 195.965 by changing the saturation by 10% instead.


 82, 11.533,
195.965


 82, 11.533,
195.965


 100, 11.533,
195.965


 72, 11.533,
195.965


 62, 11.533,
195.965

 52, 11.533,
195.965

 42, 11.533,
195.965

 32, 11.533,
195.965

 22, 11.533,
195.965

 12, 11.533,

195.965

■ 2, 11.533, 195.965

■ 0, 11.533, 195.965

■ 82, 11.533,
195.965

■ 82, 11.533,
195.965

■ 81, 18.315,
195.353

■ 83, 4.286, 196.652

■ 80, 24.507,
194.789

■ 85, 3.311, 16.978

■ 87, 11.155, 17.746

■ 79, 29.985,
194.258

■ 88, 16.658, 17.862

■ 78, 34.642,
193.760

■ 88, 16.657, 16.727

■ 88, 16.663, 15.592

■ 77, 38.393,

193.290

88, 16.676, 14.458

77, 41.200,
192.842

88, 16.695, 13.327

77, 43.078,
192.408

88, 16.721, 12.199

77, 44.110,
191.975

76, 44.407,
191.788

Harmonies

Complementary

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



82, 11.533, 195.965



75, 12.690, 18.025

Rectangle

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



82, 11.533, 195.965



82, 11.533, 245.965



82, 11.533, 15.965



82, 11.533, 65.965

Sweetspot

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



82, 11.534, 195.957



99, 4.407, 196.708



81, 21.191, 142.635



53, 3.002, 196.645



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, 11.534, 195.957



97, 16.162, 195.740



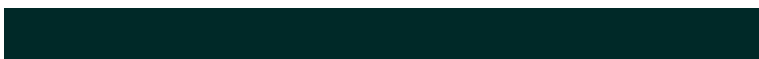
78, 10.139, 253.849



43, 4.217, 196.370



62, 37.593, 191.857



14, 14.304, 192.718

Inverse Universe

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



75, 12.690, 18.025



87, 18.196, 18.365



79, 10.644, 69.847



41, 4.459, 17.466



35, 75.192, 38.621



4, 20.017, 18.048

Previews

White Background



This preview shows how the CIELCh color 82, 11.533, 195.965 looks on a white background.

Color Contrast Check

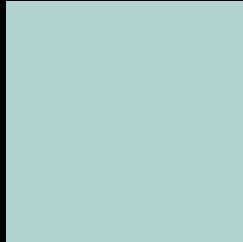
Large Text (above 18pt) WCAG AA × Fail

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, 11.533, 195.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

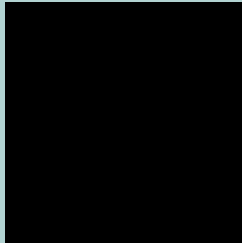
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

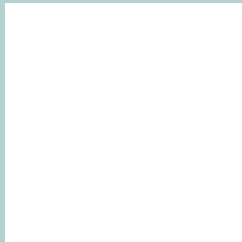
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.533, 195.965

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.533, 195.965.



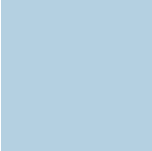
This preview shows how white text looks on a background with the CIELCh color 82, 11.533, 195.965.

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, 12.868, 243.576

Trichromacy



Original Color
82, 11.533, 195.965

Protanomaly
82, 3.380, 217.646

Deuteranomaly
82, 4.845, 299.124

Tritanomaly
82, 11.416, 226.569

Monochromacy



Original Color
82, 11.533, 195.965

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.358, 192.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.533, 195.965 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(177, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 210, 209)  
}
```

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(177, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 210, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.533, 195.965 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(177, 210, 209) }
```

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

```
.border{ border-color:rgb(177, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 210,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.533, 195.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 210, 209) }
```

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

```
.background{ background-color: rgb(177,  
210, 209) }
```

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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