

Converting Colors

CIELCh(82, 16.505, 191.714)

Have a look what the booklet for
CIELCh(82, 16.505, 191.714)
contains.

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Color

CIELCh(82, 16.532, 192.692)

Conversions

Conversions Part 1

Format	Color
Hex	A5D5D2
RGB	165, 213, 210
RGB Percent	65%, 84%, 82%
CMY	0.3526, 0.1643, 0.1761
CMYK	0.23, 0.00, 0.01, 0.16
HSL	176°, 36%, 74%
HSV	176°, 23%, 84%
XYZ	50.9945, 60.2982, 69.9803
YIQ	198.3060, -27.6450, -11.1090

Conversions

Conversions Part 2

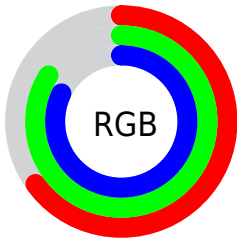
Format	Color
R _{YB}	165, 190, 213
Decimal	10868178
CIE Lab	82.00, -16.13, -3.63
CIE LCh	82, 16.532, 192.692
Yxy	60.2982, 0.2813, 0.3326
Android (android.graphics.Color)	4289058258 (0xFFA5D5D2)
YUV	198.3060, 5.7651, -29.2094
Hunter-Lab	77.6519, -18.6688, 0.9239

Details

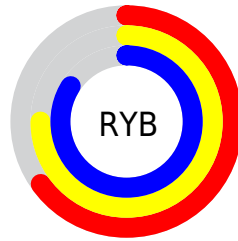
The CIELCh color $82, 16.532, 192.692$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $72, 18.861, 16.196$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.478, 198.739$, and $62, 16.336, 193.997$ is the 20% darker color. If you saturate the color by 10%, you get $81, 23.096, 191.997$, and if you desaturate by 10%, it is $83, 9.440, 193.401$.

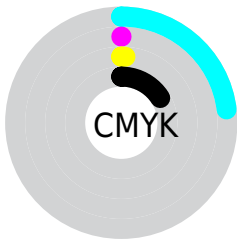
Distribution



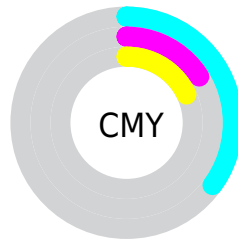
- Red (65%)
- Green (84%)
- Blue (82%)



- Red (65%)
- Yellow (75%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)





- Cyan (35%)
- Magenta (16%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 16.532, 192.692 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, 16.532, 192.692 by changing the saturation by 10% instead.


 82, 16.532,
192.692


 82, 16.532,
192.692


 100, 16.532,
192.692


 72, 16.532,
192.692


 62, 16.532,
192.692

 52, 16.532,
192.692

 42, 16.532,
192.692

 32, 16.532,
192.692

 22, 16.532,
192.692

 12, 16.532,

192.692

■ 2, 16.532, 192.692

■ 0, 16.532, 192.692

■ 82, 16.532,
192.692

■ 82, 16.532,
192.692

■ 81, 23.096,
191.997

■ 83, 9.440, 193.401

■ 80, 29.003,
191.317

■ 85, 1.943, 194.330

■ 87, 5.845, 14.640

■ 79, 34.133,
190.641

■ 88, 13.826, 15.400

■ 78, 38.386,
189.960

■ 89, 15.622, 13.592

■ 89, 15.685, 11.087

■ 78, 41.701,

189.264

89, 15.778, 8.608

77, 44.068,
188.539

89, 15.902, 6.163

77, 45.543,
187.769

89, 16.055, 3.761

77, 46.220,
187.168

Harmonies

Complementary

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



82, 16.532, 192.692



72, 18.861, 16.196

Rectangle

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



82, 16.532, 192.692



82, 16.532, 242.692



82, 16.532, 12.692



82, 16.532, 62.692

Sweetspot

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



82, 16.533, 192.687



99, 6.175, 193.825



81, 30.461, 141.302



53, 4.007, 193.775



0, 0.000, 0.000



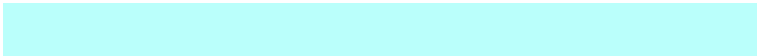
53, 0.007, 296.813

Same Dimension

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



82, 16.533, 192.687



96, 22.585, 192.357



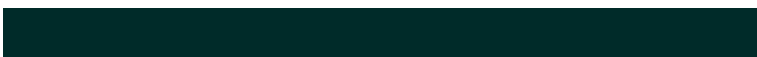
76, 14.252, 250.958



44, 4.325, 193.636



63, 39.167, 187.299



15, 15.191, 188.885

Inverse Universe

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



72, 18.861, 16.196



82, 26.569, 16.767



77, 15.530, 65.363



42, 4.558, 14.869



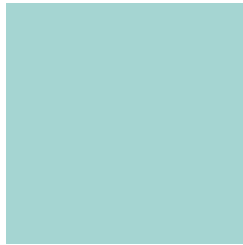
35, 74.789, 37.332



5, 21.965, 16.977

Previews

White Background



This preview shows how the CIELCh color 82, 16.532, 192.692 looks on a white background.

Color Contrast Check

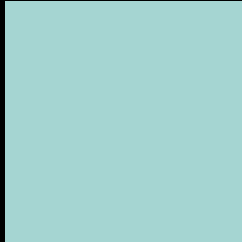
Large Text (above 18pt) WCAG AA × Fail

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, 16.532, 192.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

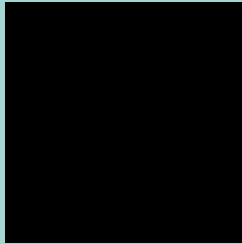
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

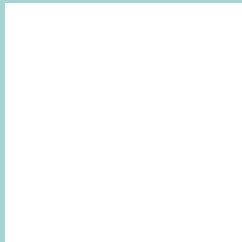
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 16.532, 192.692

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.532, 192.692.

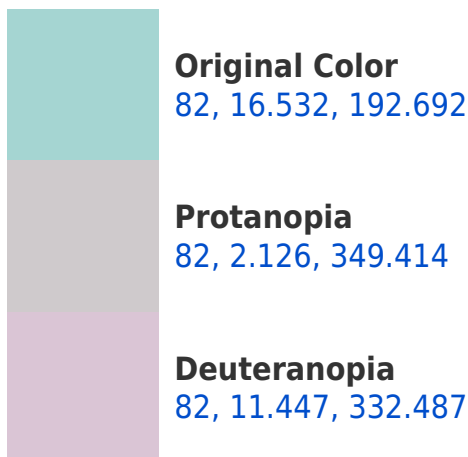


This preview shows how white text looks on a background with the CIELCh color 82, 16.532, 192.692.

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](#).

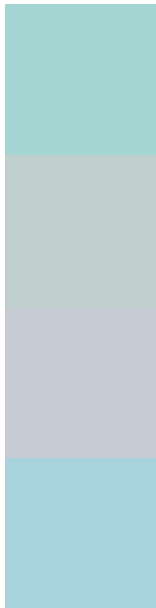
Dichromacy





Tritanopia
82, 16.028, 233.032

Trichromacy



Original Color
82, 16.532, 192.692

Protanomaly
82, 5.006, 199.146

Deuteranomaly
82, 4.962, 273.936

Tritanomaly
82, 15.190, 219.025

Monochromacy



Original Color
82, 16.532, 192.692

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.118, 194.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.532, 192.692 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(165, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 213, 210)  
}
```

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(165, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 213, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.532, 192.692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

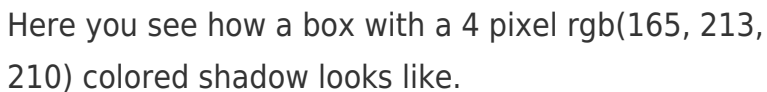
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 213, 210) }
```

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

```
.border{ border-color:rgb(165, 213, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 213, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 213, 210); box-shadow:4px 4px 4px 4px rgb(165, 213, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.532, 192.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 213, 210) }
```

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

```
.background{ background-color: rgb(165,  
213, 210) }
```

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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