

Converting Colors

CIELCh(82, 16.655, 163.782)

Have a look what the booklet for
CIELCh(82, 16.655, 163.782)
contains.

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Color

CIELCh(82, 16.150, 164.360)

Conversions

Conversions Part 1

Format	Color
Hex	AFD4C3
RGB	175, 212, 195
RGB Percent	69%, 83%, 76%
CMY	0.3128, 0.1677, 0.2344
CMYK	0.17, 0.00, 0.08, 0.17
HSL	152°, 30%, 76%
HSV	152°, 17%, 83%
XYZ	51.2117, 60.2982, 60.7088
YIQ	198.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

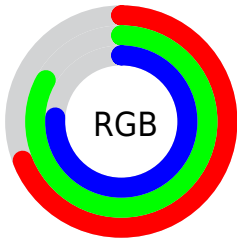
Format	Color
RYB	175, 199, 212
Decimal	11523267
CIELab	82.00, -15.55, 4.35
CIELCh	82, 16.150, 164.360
Yxy	60.2982, 0.2974, 0.3501
Android (android.graphics.Color)	4289713347 (0xFFAFD4C3)
YUV	198.9990, -1.9715, -21.0471
Hunter-Lab	77.6519, -18.1695, 8.0030

Details

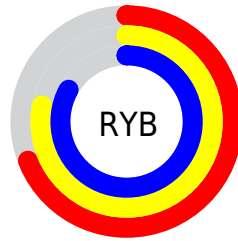
The CIELCh color **82, 16.150, 164.360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 16.584, 347.443**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.400, 188.435**, and **62, 16.092, 164.050** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.262, 163.323**, and if you desaturate by 10%, it is **84, 6.898, 165.319**.

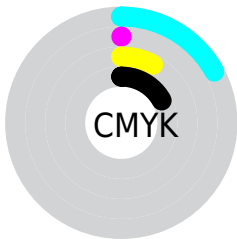
Distribution



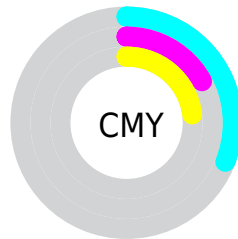
- Red (69%)
- Green (83%)
- Blue (76%)



- Red (69%)
- Yellow (78%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 16.150, 164.360 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, 16.150, 164.360 by changing the saturation by 10% instead.


 82, 16.150,
164.360


 82, 16.150,
164.360


 100, 16.150,
164.360


 72, 16.150,
164.360


 62, 16.150,
164.360

 52, 16.150,
164.360

 42, 16.150,
164.360

 32, 16.150,
164.360

 22, 16.150,
164.360

 12, 16.150,

164.360

■ 2, 16.150, 164.360

■ 0, 16.150, 164.360

■ 82, 16.150,
164.360

■ 82, 16.150,
164.360

■ 81, 25.262,
163.323

■ 84, 6.898, 165.319

■ 79, 34.091,
162.174

■ 85, 2.382, 345.913

■ 78, 42.484,
160.884

■ 87, 11.597,
346.833

■ 77, 50.287,
159.428

■ 89, 19.159,
344.292

■ 76, 57.357,

■ 89, 22.419,
333.722

157.782

90, 26.274,
326.154

76, 63.593,
155.926

90, 26.795,
325.358

75, 68.957,
153.856

75, 73.514,
151.606

75, 74.620,
151.040

Harmonies

Complementary

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



82, 16.150, 164.360



75, 16.584, 347.443

Rectangle

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



82, 16.150, 164.360



82, 16.150, 214.360



82, 16.150, 344.360



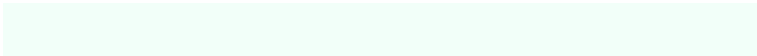
82, 16.150, 34.360

Sweetspot

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



82, 16.152, 164.357



99, 5.380, 165.557



83, 20.861, 129.456



53, 3.671, 165.484



0, 0.000, 0.000



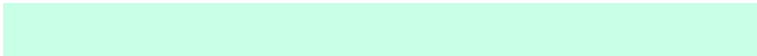
53, 0.007, 296.813

Same Dimension

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



82, 16.152, 164.357



96, 22.537, 163.978



82, 12.358, 201.609



44, 5.304, 165.129



62, 63.012, 151.417



14, 22.463, 156.491

Inverse Universe

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



75, 16.584, 347.443



86, 23.271, 347.834



75, 13.866, 23.260



42, 5.384, 346.658



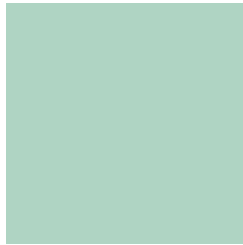
36, 62.548, 5.587



5, 23.157, 356.943

Previews

White Background



This preview shows how the CIELCh color 82, 16.150, 164.360 looks on a white background.

Color Contrast Check

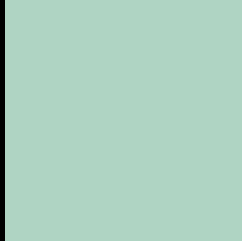
Large Text (above 18pt) WCAG AA × Fail

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, 16.150, 164.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

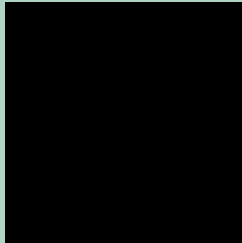
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

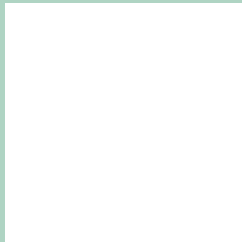
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 16.150, 164.360

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.150, 164.360.

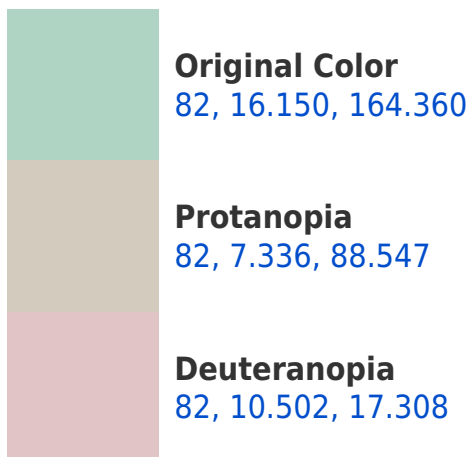


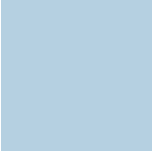
This preview shows how white text looks on a background with the CIELCh color 82, 16.150, 164.360.

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, 12.640, 244.617

Trichromacy



Original Color
82, 16.150, 164.360

Protanomaly
82, 8.141, 133.636

Deuteranomaly
82, 3.481, 84.730

Tritanomaly
82, 10.876, 209.986

Monochromacy



Original Color
82, 16.150, 164.360

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 6.033, 167.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.150, 164.360 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(175, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(175, 212, 195)  
}
```

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(175, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.150, 164.360 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(175, 212, 195) }
```

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

```
.border{ border-color:rgb(175, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(175, 212,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.150, 164.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 212, 195) }
```

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

```
.background{ background-color: rgb(175,  
212, 195) }
```

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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