

Converting Colors

CIELCh(82, 17.939, 151.254)

Have a look what the booklet for
CIELCh(82, 17.939, 151.254)
contains.

CIELCh(82, 18.006, 150.983)	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, 18.006, 150.983)

Conversions

Conversions Part 1

Format	Color
Hex	B3D4BB
RGB	179, 212, 187
RGB Percent	70%, 83%, 73%
CMY	0.2978, 0.1684, 0.2664
CMYK	0.16, 0.00, 0.12, 0.17
HSL	135°, 28%, 77%
HSV	135°, 16%, 83%
XYZ	51.1385, 60.2982, 55.9903
YIQ	199.2830, -11.6430, -14.7710

Conversions

Conversions Part 2

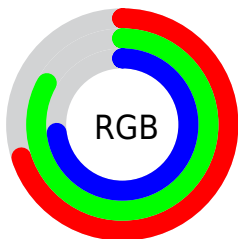
Format	Color
RYB	179, 206, 212
Decimal	11785403
CIELab	82.00, -15.75, 8.73
CIELCh	82, 18.006, 150.983
Yxy	60.2982, 0.3054, 0.3601
Android (android.graphics.Color)	4289975483 (0xFFB3D4BB)
YUV	199.2830, -6.0555, -17.7882
Hunter-Lab	77.6519, -18.3376, 11.6058

Details

The CIELCh color **82, 18.006, 150.983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 18.094, 333.055**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.348, 158.077**, and **62, 17.696, 151.250** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.615, 150.133**, and if you desaturate by 10%, it is **84, 6.401, 151.745**.

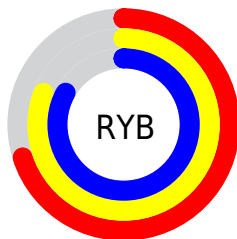
Distribution



Red (70%)

Green (83%)

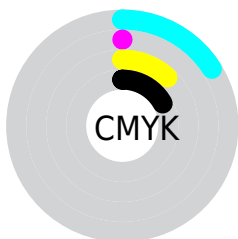
Blue (73%)



Red (70%)

Yellow (81%)

Blue (83%)

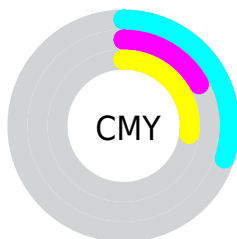


Cyan (16%)

Magenta (0%)

Yellow (12%)

Black (17%)



Cyan (30%)

Magenta (17%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.006, 150.983 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, 18.006, 150.983 by changing the saturation by 10% instead.

■ 82, 18.006,
150.983

■ 82, 18.006,
150.983

■ 100, 18.006,
150.983

■ 72, 18.006,
150.983

■ 62, 18.006,
150.983

■ 52, 18.006,
150.983

■ 42, 18.006,
150.983

■ 32, 18.006,
150.983

■ 22, 18.006,
150.983

■ 12, 18.006,

150.983

■ 2, 18.006, 150.983

■ 0, 18.006, 150.983

■ 82, 18.006,
150.983

■ 82, 18.006,
150.983

■ 80, 29.615,
150.133

■ 84, 6.401, 151.745

■ 79, 41.055,
149.156

■ 86, 5.079, 332.260

■ 78, 52.126,
148.028

■ 88, 16.337,
332.859

■ 77, 62.599,
146.732

■ 90, 25.384,
327.804

■ 76, 72.233,

■ 90, 26.908,
325.362

145.264

■ 75, 80.796,
143.634

■ 75, 88.088,
141.884

■ 75, 93.966,
140.098

■ 74, 96.167,
139.373

Harmonies

Complementary

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



82, 18.006, 150.983



76, 18.094, 333.055

Rectangle

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



82, 18.006, 150.983



82, 18.006, 200.983



82, 18.006, 330.983



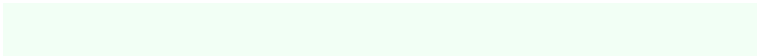
82, 18.006, 20.983

Sweetspot

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



82, 18.008, 150.982



99, 6.678, 151.785



84, 17.554, 118.276



53, 4.559, 151.729



0, 0.000, 0.000



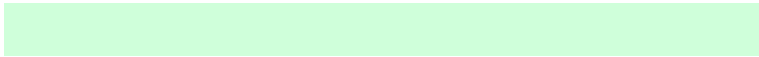
53, 0.007, 296.813

Same Dimension

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



82, 18.008, 150.982



96, 25.556, 150.687



82, 12.666, 176.896



44, 6.601, 151.454



61, 81.326, 139.655



14, 28.356, 145.452

Inverse Universe

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



76, 18.094, 333.055



88, 25.694, 333.307



76, 13.317, 359.826



42, 6.627, 332.633



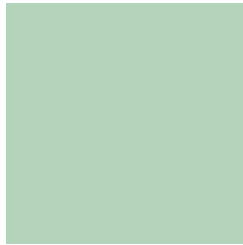
38, 71.154, 340.760



6, 27.575, 337.967

Previews

White Background



This preview shows how the CIELCh color 82, 18.006, 150.983 looks on a white background.

Color Contrast Check

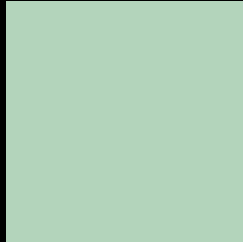
Large Text (above 18pt) WCAG AA × Fail

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, 18.006, 150.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

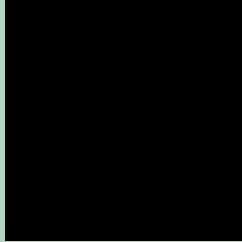
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

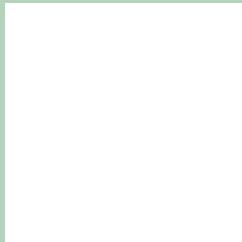
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 18.006, 150.983

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.006, 150.983.



This preview shows how white text looks on a background with the CIELCh color 82, 18.006, 150.983.

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, 18.006, 150.983

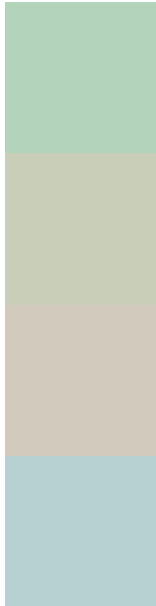
Protanopia
82, 11.594, 91.942

Deuteranopia
82, 12.613, 34.748



Tritanopia
82, 11.178, 248.609

Trichromacy



Original Color
82, 18.006, 150.983

Protanomaly
82, 11.837, 120.141

Deuteranomaly
82, 7.485, 85.830

Tritanomaly
82, 9.123, 202.146

Monochromacy



Original Color
82, 18.006, 150.983

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 6.523, 152.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.006, 150.983 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(179, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 212, 187)  
}
```

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(179, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 212, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.006, 150.983 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(179, 212, 187) }
```

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

```
.border{ border-color:rgb(179, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 212,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.006, 150.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 212, 187) }
```

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

```
.background{ background-color: rgb(179,  
212, 187) }
```

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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