

Converting Colors

CIELCh(82, 19.887, 137.082)

Have a look what the booklet for
CIELCh(82, 19.887, 137.082)
contains.

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Color

CIELCh(82, 19.816, 136.813)

Conversions

Conversions Part 1	
Format	Color
Hex	BAD3B2
RGB	186, 211, 178
RGB Percent	73%, 83%, 70%
CMY	0.2703, 0.1722, 0.3016
CMYK	0.12, 0.00, 0.16, 0.17
HSL	105°, 27%, 76%
HSV	105°, 16%, 83%
XYZ	51.6296, 60.2982, 51.0805
YIQ	199.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

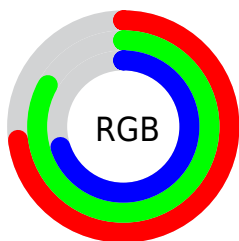
Format	Color
RYB	178, 211, 203
Decimal	12243890
CIELab	82.00, -14.45, 13.56
CIELCh	82, 19.816, 136.813
Yxy	60.2982, 0.3167, 0.3699
Android (android.graphics.Color)	4290433970 (0xFFBAD3B2)
YUV	199.7630, -10.7292, -12.0702
Hunter-Lab	77.6519, -17.2089, 15.3546

Details

The CIELCh color **82, 19.816, 136.813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 20.007, 318.193**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.664, 132.783**, and **62, 19.614, 136.143** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.542, 136.272**, and if you desaturate by 10%, it is **84, 7.107, 137.313**.

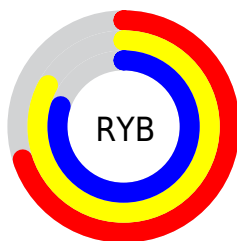
Distribution



Red (73%)

Green (83%)

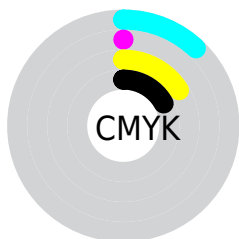
Blue (70%)



Red (70%)

Yellow (83%)

Blue (80%)

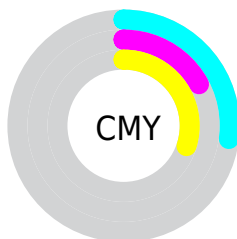


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (17%)



Cyan (27%)


Magenta (17%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 19.816, 136.813 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, 19.816, 136.813 by changing the saturation by 10% instead.


 82, 19.816,
136.813


 82, 19.816,
136.813


 100, 19.816,
136.813


 72, 19.816,
136.813


 62, 19.816,
136.813

 52, 19.816,
136.813

 42, 19.816,
136.813


 32, 19.816,
136.813


 22, 19.816,
136.813


 12, 19.816,


136.813

 2, 19.816, 136.813


 0, 19.816, 136.813

 82, 19.816,
136.813


 82, 19.816,
136.813

 81, 32.542,
136.272

 84, 7.107, 137.313


 79, 45.125,
135.681

 85, 5.483, 317.668

 78, 57.355,
135.061

 87, 17.875,
318.060


 77, 68.945,
134.452


 89, 26.635,
322.182


 76, 79.502,


 89, 27.521,
325.383

133.926

 75, 88.528,
133.592

 75, 95.474,
133.578

 75, 99.955,
133.978

 74, 101.367,
134.191

Harmonies

Complementary

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



82, 19.816, 136.813



76, 20.007, 318.193

Rectangle

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



82, 19.816, 136.813



82, 19.816, 186.813



82, 19.816, 316.813



82, 19.816, 6.813

Sweetspot

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



82, 19.818, 136.814



99, 7.346, 137.342



82, 13.436, 95.359



53, 5.015, 137.307



0, 0.000, 0.000



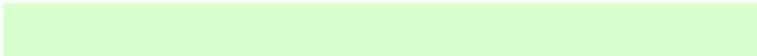
53, 0.007, 296.813

Same Dimension

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



82, 19.818, 136.814



96, 28.099, 136.627



82, 17.924, 151.255



43, 7.117, 137.127



60, 85.446, 134.018



13, 28.385, 137.012

Inverse Universe

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



76, 20.007, 318.193



87, 28.420, 318.352



76, 18.014, 333.351



41, 7.164, 317.914



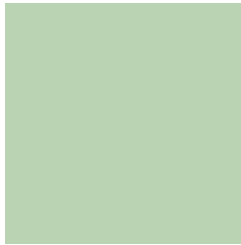
33, 86.819, 319.302



4, 28.908, 318.395

Previews

White Background



This preview shows how the CIELCh color 82, 19.816, 136.813 looks on a white background.

Color Contrast Check

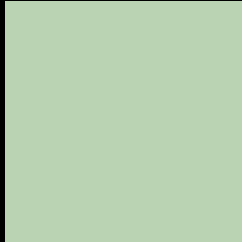
Large Text (above 18pt) WCAG AA × Fail

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, 19.816, 136.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

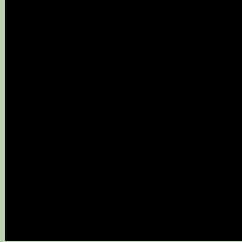
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

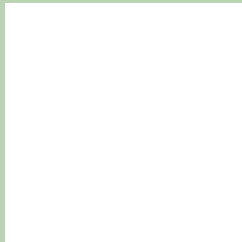
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 19.816, 136.813

Background



This preview shows how black text looks on a background with the CIELCh color 82, 19.816, 136.813.



This preview shows how white text looks on a background with the CIELCh color 82, 19.816, 136.813.

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, 19.816, 136.813

Protanopia

82, 15.875, 93.223



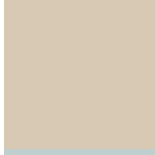

Deuteranopia

82, 15.792, 50.184


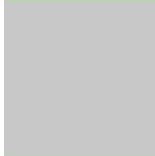



Tritanopia
82, 9.361, 264.516

Trichromacy

	Original Color 82, 19.816, 136.813
	Protanomaly 82, 16.340, 111.418
	Deuteranomaly 82, 12.330, 83.313
	Tritanomaly 82, 6.188, 189.155

Monochromacy

	Original Color 82, 19.816, 136.813
	Achromatopsia 81, 0.010, 296.813
	Achromatomaly 81, 7.199, 137.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 19.816, 136.813 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(186, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 178)  
}
```

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(186, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 19.816, 136.813 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(186, 211, 178) }
```

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

```
.border{ border-color:rgb(186, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 211,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 19.816, 136.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 178) }
```

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

```
.background{ background-color: rgb(186,  
211, 178) }
```

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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