

Converting Colors

CIELCh(82, 14.828, 131.974)

Have a look what the booklet for
CIELCh(82, 14.828, 131.974)
contains.

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Color

CIELCh(82, 15.002, 132.474)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1D1B7 |
| RGB | 193, 209, 183 |
| RGB Percent | 76%, 82%, 72% |
| CMY | 0.2435, 0.1807, 0.2827 |
| CMYK | 0.08, 0.00, 0.12, 0.18 |
| HSL | 97°, 22%, 77% |
| HSV | 97°, 12%, 82% |
| XYZ | 53.2864, 60.2982, 53.5820 |
| YIQ | 201.2520, -1.1900, -11.4780 |

Conversions

Conversions Part 2

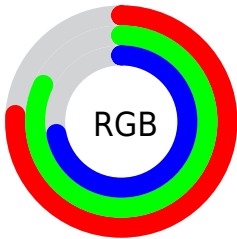
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 183, 209, 199 |
| Decimal | 12702135 |
| CIELab | 82.00, -10.13, 11.07 |
| CIELCh | 82, 15.002, 132.474 |
| Yxy | 60.2982, 0.3188, 0.3607 |
| Android (android.graphics.Color) | 4290892215 (0xFFC1D1B7) |
| YUV | 201.2520, -8.9982, -7.2370 |
| Hunter-Lab | 77.6519, -13.4003, 13.4446 |

Details

The CIELCh color **82, 15.002, 132.474** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 15.200, 313.509**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.316, 121.927**, and **62, 15.363, 133.126** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.097, 132.001**, and if you desaturate by 10%, it is **83, 2.931, 132.952**.

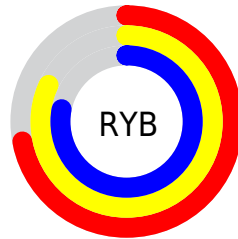
Distribution



Red (76%)

Green (82%)

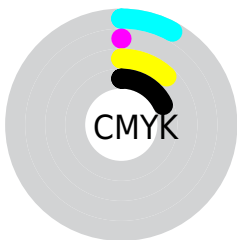
Blue (72%)



Red (72%)

Yellow (82%)

Blue (78%)

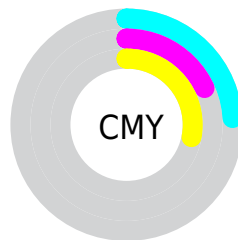


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (24%)


Magenta (18%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 15.002, 132.474 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, 15.002, 132.474 by changing the saturation by 10% instead.


 82, 15.002,
132.474


 82, 15.002,
132.474


 100, 15.002,
132.474


 72, 15.002,
132.474

 62, 15.002,
132.474

 52, 15.002,
132.474

 42, 15.002,
132.474

 32, 15.002,
132.474

 22, 15.002,
132.474

 12, 15.002,

132.474

■ 2, 15.002, 132.474

■ 0, 15.002, 132.474

■ 82, 15.002,
132.474

■ 82, 15.002,
132.474

■ 81, 27.097,
132.001

■ 83, 2.931, 132.952

■ 79, 39.097,
131.503

■ 85, 9.042, 313.270

■ 78, 50.845,
131.000

■ 87, 20.858,
313.627

■ 77, 62.112,
130.534

■ 88, 27.090,
318.655

■ 77, 72.581,

■ 89, 28.890,
325.430

130.171

■ 76, 81.819,
130.009

■ 75, 89.311,
130.177

■ 75, 94.610,
130.789

■ 74, 97.329,
131.474

Harmonies

Complementary

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



82, 15.002, 132.474



76, 15.200, 313.509

Rectangle

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



82, 15.002, 132.474



82, 15.002, 182.474



82, 15.002, 312.474



82, 15.002, 2.474

Sweetspot

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



82, 15.004, 132.476



99, 5.645, 132.864



81, 9.154, 83.808



53, 4.015, 132.827



0, 0.000, 0.000



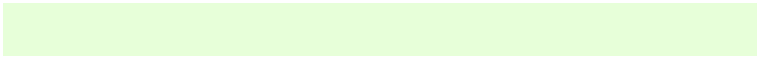
53, 0.007, 296.813

Same Dimension

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



82, 15.004, 132.476



97, 21.272, 132.350



81, 15.744, 146.511



43, 6.838, 132.615



61, 82.653, 131.249



14, 27.186, 133.424

Inverse Universe

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



76, 15.200, 313.509



90, 21.603, 313.631



77, 15.773, 327.972



41, 6.909, 313.374



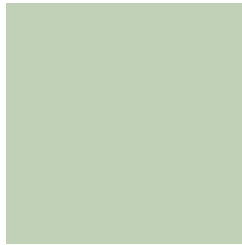
29, 89.144, 314.912



3, 27.548, 312.205

Previews

White Background



This preview shows how the CIELCh color 82, 15.002, 132.474 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, 15.002, 132.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

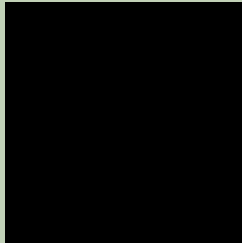
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

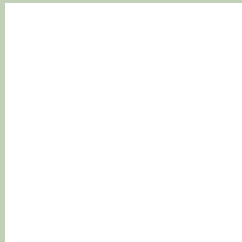
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 15.002, 132.474

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.002, 132.474.



This preview shows how white text looks on a background with the CIELCh color 82, 15.002, 132.474.

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, 15.002, 132.474

Protanopia
82, 12.720, 91.544

Deuteranopia
82, 14.365, 44.000



Tritanopia
82, 8.627, 279.217

Trichromacy



Original Color
82, 15.002, 132.474

Protanomaly
82, 12.655, 107.328

Deuteranomaly
82, 10.864, 75.121

Tritanomaly
82, 3.265, 208.687

Monochromacy



Original Color
82, 15.002, 132.474

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.753, 132.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.002, 132.474 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(193, 209, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 183)  
}
```

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(193, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.002, 132.474 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(193, 209, 183) }
```

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

```
.border{ border-color:rgb(193, 209, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.002, 132.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 183) }
```

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

```
.background{ background-color: rgb(193,  
209, 183) }
```

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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