

Converting Colors

CIELCh(82, 16.958, 126.624)

Have a look what the booklet for
CIELCh(82, 16.958, 126.624)
contains.

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Color

CIELCh(82, 17.187, 126.673)

Conversions

Conversions Part 1

Format	Color
Hex	C3D1B2
RGB	195, 209, 178
RGB Percent	76%, 82%, 70%
CMY	0.2360, 0.1811, 0.3026
CMYK	0.07, 0.00, 0.15, 0.18
HSL	87°, 25%, 76%
HSV	87°, 15%, 82%
XYZ	53.2342, 60.2982, 50.8607
YIQ	201.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

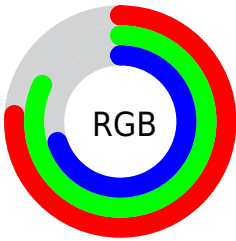
Format	Color
RYB	178, 209, 192
Decimal	12833202
CIELab	82.00, -10.26, 13.78
CIELCh	82, 17.187, 126.673
Yxy	60.2982, 0.3238, 0.3668
Android (android.graphics.Color)	4291023282 (0xFFC3D1B2)
YUV	201.2800, -11.4770, -5.5076
Hunter-Lab	77.6519, -13.5203, 15.5224

Details

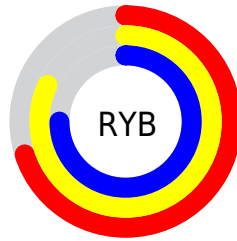
The CIELCh color $82, 17.187, 126.673$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $75, 17.579, 308.078$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 10.697, 115.158$, and $62, 17.640, 127.018$ is the 20% darker color. If you saturate the color by 10%, you get $81, 28.737, 126.180$, and if you desaturate by 10%, it is $83, 5.597, 127.163$.

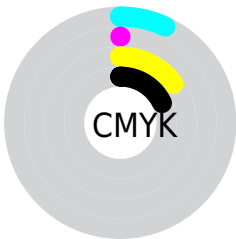
Distribution



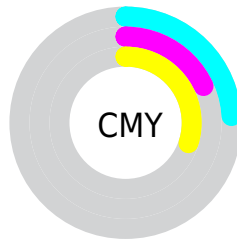
- Red (76%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 17.187, 126.673 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, 17.187, 126.673 by changing the saturation by 10% instead.


 82, 17.187,
126.673


 82, 17.187,
126.673


 100, 17.187,
126.673


 72, 17.187,
126.673


 62, 17.187,
126.673

 52, 17.187,
126.673

 42, 17.187,
126.673

 32, 17.187,
126.673

 22, 17.187,
126.673

 12, 17.187,

126.673

■ 2, 17.187, 126.673

■ 0, 17.187, 126.673

■ 82, 17.187,
126.673

■ 82, 17.187,
126.673

■ 81, 28.737,
126.180

■ 83, 5.597, 127.163

■ 80, 40.134,
125.684

■ 84, 5.963, 307.572

■ 79, 51.223,
125.218

■ 86, 17.437,
307.995

■ 78, 61.776,
124.830

■ 87, 25.634,
310.387

■ 77, 71.464,

■ 88, 26.803,
317.078

124.595

89, 28.301,
323.244

77, 79.846,
124.617

89, 28.948,
325.432

76, 86.417,
125.024

76, 90.812,
125.917

76, 92.475,
126.492

Harmonies

Complementary

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



82, 17.187, 126.673



75, 17.579, 308.078

Rectangle

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



82, 17.187, 126.673



82, 17.187, 176.673



82, 17.187, 306.673



82, 17.187, 356.673

Sweetspot

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



82, 17.189, 126.676



99, 5.433, 127.203



79, 9.909, 68.085



53, 3.863, 127.165



0, 0.000, 0.000



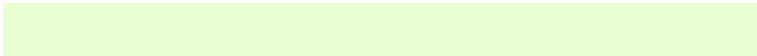
53, 0.007, 296.813

Same Dimension

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



82, 17.189, 126.676



97, 24.511, 126.510



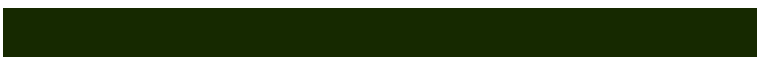
81, 19.810, 142.259



44, 6.574, 126.940



62, 78.581, 126.241



14, 25.740, 127.819

Inverse Universe

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



75, 17.579, 308.078



87, 25.193, 308.257



76, 19.857, 323.850



41, 6.672, 307.798



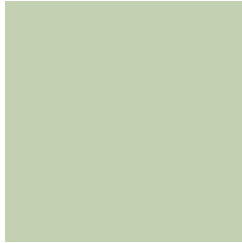
25, 92.287, 310.932



3, 26.495, 305.683

Previews

White Background



This preview shows how the CIELCh color 82, 17.187, 126.673 looks on a white background.

Color Contrast Check

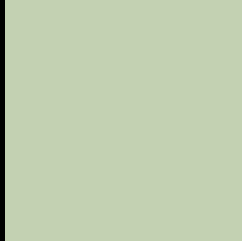
Large Text (above 18pt) WCAG AA × Fail

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, 17.187, 126.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

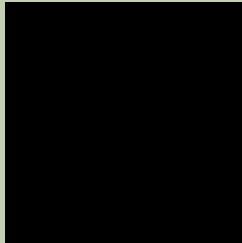
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 17.187, 126.673

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.187, 126.673.



This preview shows how white text looks on a background with the CIELCh color 82, 17.187, 126.673.

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](#).

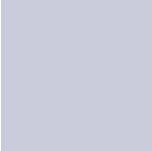
Dichromacy



Original Color
82, 17.187, 126.673

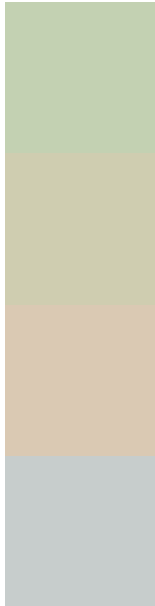
Protanopia
82, 15.366, 92.768

Deuteranopia
82, 16.433, 51.018



Tritanopia
82, 8.504, 286.183

Trichromacy



Original Color
82, 17.187, 126.673

Protanomaly
82, 15.293, 105.937

Deuteranomaly
82, 13.352, 79.715

Tritanomaly
82, 2.240, 185.812

Monochromacy



Original Color
82, 17.187, 126.673

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.119, 127.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.187, 126.673 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(195, 209, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 209, 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(195, 209, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.187, 126.673 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(195, 209, 178) }
```

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

```
.border{ border-color:rgb(195, 209, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 209, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 209, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 209, 178); box-shadow:4px 4px 4px 4px rgb(195, 209, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.187, 126.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 178) }
```

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

```
.background{ background-color: rgb(195,  
209, 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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